

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142366.D
 Acq On : 14 May 2025 15:20
 Operator : RC/JU
 Sample : Q1982-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Quant Time: May 14 15:47:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	155049	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	631761	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	370580	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	711855	20.000	ng	0.00
76) Chrysene-d12	14.068	240	525246	20.000	ng	0.00
86) Perylene-d12	15.557	264	490879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	692630	76.258	ng	0.00
7) Phenol-d6	6.522	99	882025	78.956	ng	0.00
23) Nitrobenzene-d5	7.463	82	520318	50.229	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	331293	92.595	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1192392	45.880	ng	0.00
79) Terphenyl-d14	13.010	244	1573866	44.350	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	141291	34.544	ng	100
3) Pyridine	3.440	79	385286	40.122	ng	98
4) n-Nitrosodimethylamine	3.387	42	225025	40.319	ng	98
6) Aniline	6.563	93	599443	54.708	ng	98
8) 2-Chlorophenol	6.681	128	441735	45.512	ng	99
9) Benzaldehyde	6.451	77	266588	40.774	ng	100
10) Phenol	6.534	94	576407	48.677	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	408748	35.004	ng	97
12) 1,3-Dichlorobenzene	6.839	146	464430	41.825	ng	99
13) 1,4-Dichlorobenzene	6.916	146	465991	41.797	ng	100
14) 1,2-Dichlorobenzene	7.069	146	451963	42.234	ng	99
15) Benzyl Alcohol	7.039	79	356796	49.324	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	713977	40.944	ng	100
17) 2-Methylphenol	7.145	107	351851	44.777	ng	99
18) Hexachloroethane	7.416	117	161853	43.632	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	298725	43.231	ng	99
20) 3+4-Methylphenols	7.298	107	448388	45.721	ng	99
22) Acetophenone	7.310	105	581115	41.370	ng	100
24) Nitrobenzene	7.481	77	441270	45.191	ng	98
25) Isophorone	7.722	82	845033	43.079	ng	100
26) 2-Nitrophenol	7.798	139	230474	48.886	ng	100
27) 2,4-Dimethylphenol	7.834	122	433405	43.945	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	522841	41.451	ng	99
29) 2,4-Dichlorophenol	8.039	162	387626	46.229	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	391460	41.484	ng	99
31) Naphthalene	8.210	128	1287929	42.063	ng	99
32) Benzoic acid	7.939	122	282694	52.101	ng	99
33) 4-Chloroaniline	8.251	127	217014	17.370	ng	99
34) Hexachlorobutadiene	8.322	225	234355	41.941	ng	99
35) Caprolactam	8.616	113	81284	33.263	ng	95
36) 4-Chloro-3-methylphenol	8.728	107	417111	47.855	ng	100
37) 2-Methylnaphthalene	8.898	142	823265	43.271	ng	98
38) 1-Methylnaphthalene	8.998	142	854916	43.112	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	408491	39.468	ng	99
41) Hexachlorocyclopentadiene	9.051	237	541888	84.716	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	294187	45.063	ng	98

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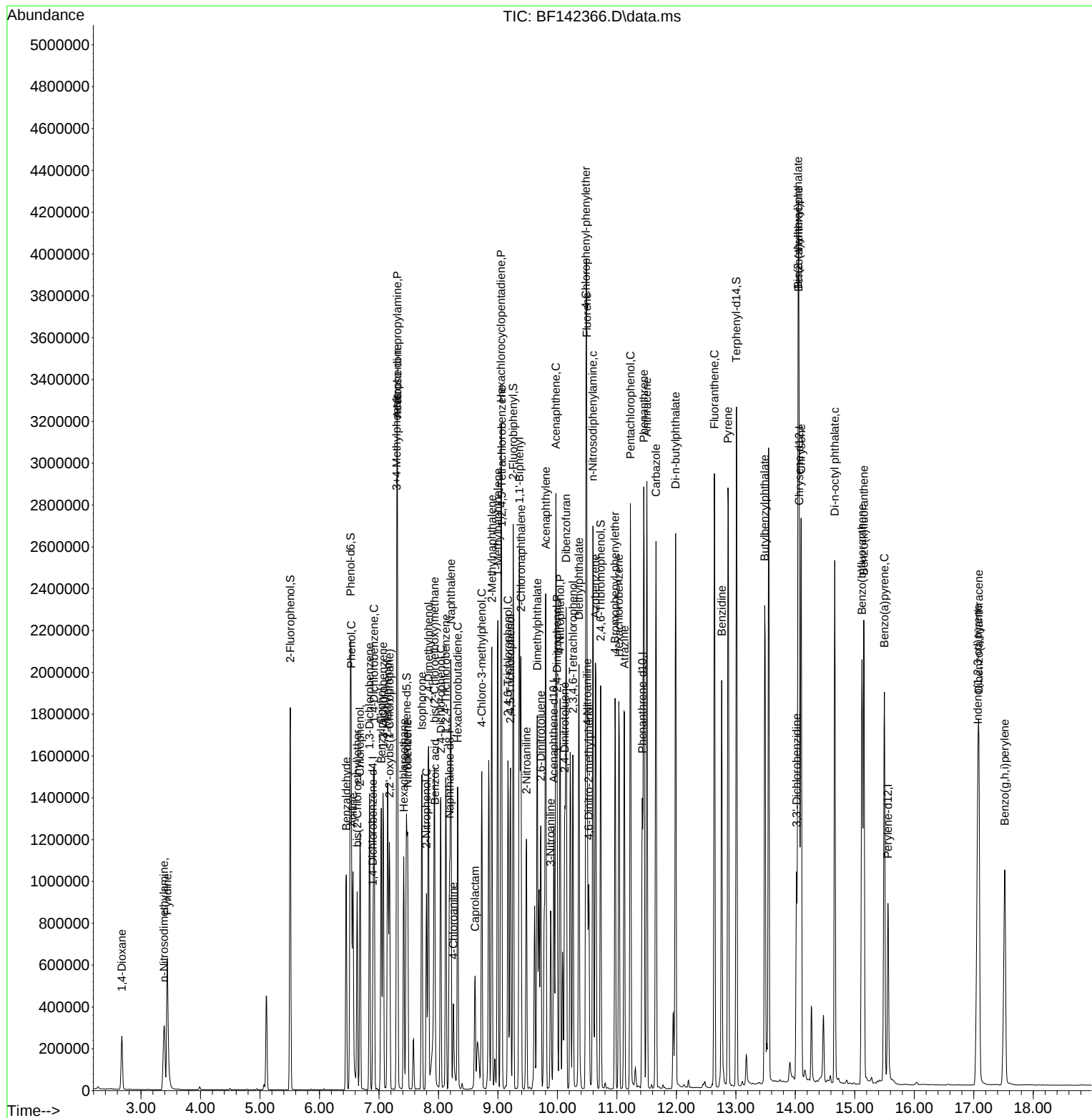
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	321618	46.301	ng	98
46) 1,1'-Biphenyl	9.363	154	1158375	40.768	ng	99
47) 2-Chloronaphthalene	9.386	162	851834	40.313	ng	99
48) 2-Nitroaniline	9.480	65	274081	50.603	ng	91
49) Acenaphthylene	9.804	152	1497053	42.351	ng	100
50) Dimethylphthalate	9.663	163	1072664	45.078	ng	100
51) 2,6-Dinitrotoluene	9.722	165	236587	53.116	ng	90
52) Acenaphthene	9.975	154	1006646	47.361	ng	100
53) 3-Nitroaniline	9.886	138	199348	38.161	ng	97
54) 2,4-Dinitrophenol	9.992	184	286965	119.014	ng	# 3
55) Dibenzofuran	10.145	168	1332401	42.476	ng	99
56) 4-Nitrophenol	10.045	139	472127	120.085	ng	96
57) 2,4-Dinitrotoluene	10.122	165	335471	58.716	ng	98
58) Fluorene	10.492	166	1031269	43.079	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	294911	51.430	ng	97
60) Diethylphthalate	10.363	149	1111846	46.787	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	499460	43.246	ng	99
62) 4-Nitroaniline	10.504	138	275293	66.491	ng	99
63) Azobenzene	10.639	77	1067468	47.008	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	182251	53.887	ng	99
66) n-Nitrosodiphenylamine	10.598	169	957255	40.411	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	332268	41.185	ng	99
68) Hexachlorobenzene	11.033	284	375399	42.302	ng	98
69) Atrazine	11.127	200	315199	50.479	ng	99
70) Pentachlorophenol	11.227	266	477233	102.224	ng	98
71) Phenanthrene	11.451	178	1558066	41.756	ng	100
72) Anthracene	11.504	178	1581175	41.241	ng	100
73) Carbazole	11.657	167	1524800	44.329	ng	100
74) Di-n-butylphthalate	11.986	149	1876651	51.885	ng	100
75) Fluoranthene	12.639	202	1740035	46.650	ng	99
77) Benzidine	12.763	184	1084279	113.594	ng	98
78) Pyrene	12.868	202	1750839	37.450	ng	100
80) Butylbenzylphthalate	13.486	149	763189	55.331	ng	98
81) Benzo(a)anthracene	14.057	228	1482251	43.576	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	294906	37.281	ng	99
83) Chrysene	14.098	228	1295990	40.927	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	1043286	57.772	ng	100
85) Di-n-octyl phthalate	14.662	149	1689536	51.966	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1251333	36.645	ng	100
88) Benzo(b)fluoranthene	15.121	252	1425761	47.956	ng	99
89) Benzo(k)fluoranthene	15.151	252	1127681	41.448	ng	100
90) Benzo(a)pyrene	15.498	252	1206289	45.278	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	1024841	36.328	ng	99
92) Benzo(g,h,i)perylene	17.521	276	953165	34.043	ng	98

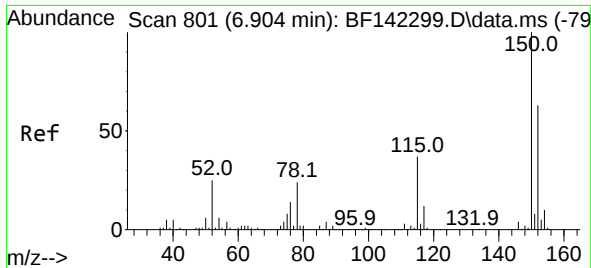
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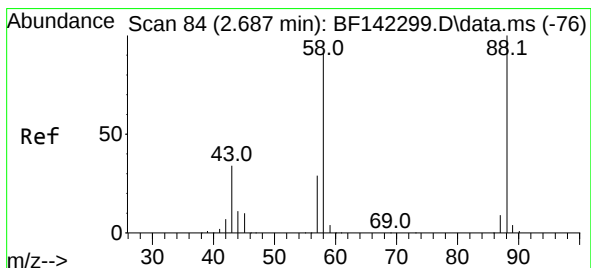
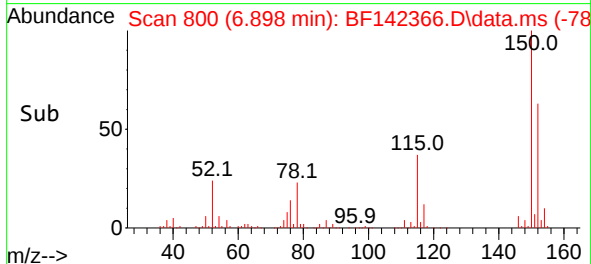
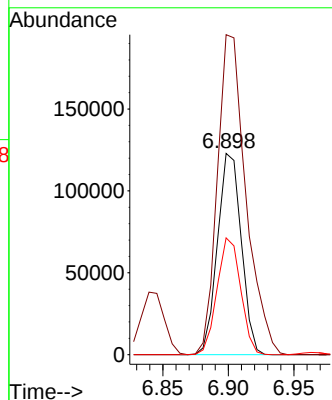
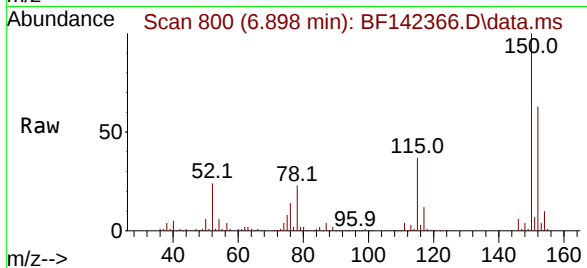




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142366.D
 Acq: 14 May 2025 15:20

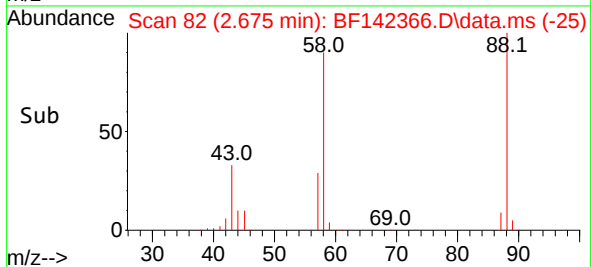
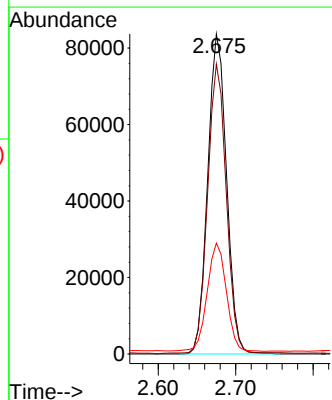
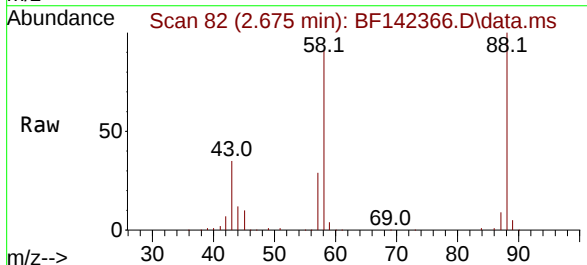
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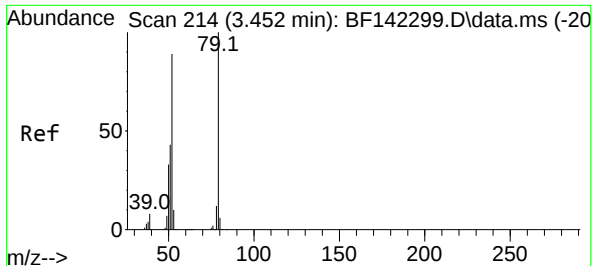
Tgt Ion:152 Resp: 155049
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.6 190.0
 115 58.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 34.544 ng
 RT: 2.675 min Scan# 82
 Delta R.T. -0.012 min
 Lab File: BF142366.D
 Acq: 14 May 2025 15:20

Tgt Ion: 88 Resp: 141291
 Ion Ratio Lower Upper
 88 100
 58 91.3 73.0 109.4
 43 34.4 27.8 41.6

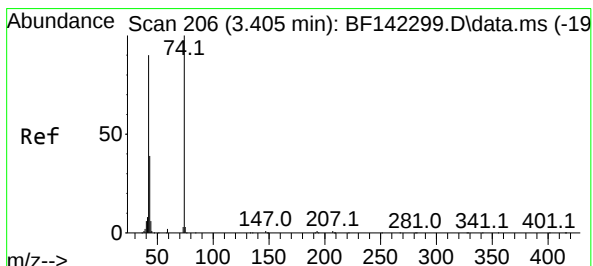
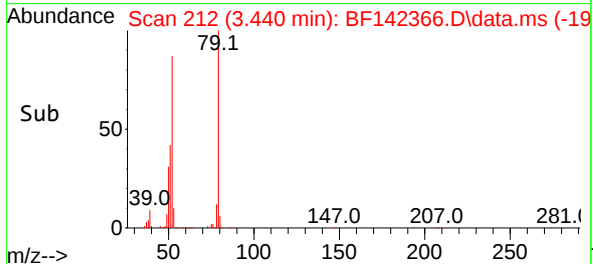
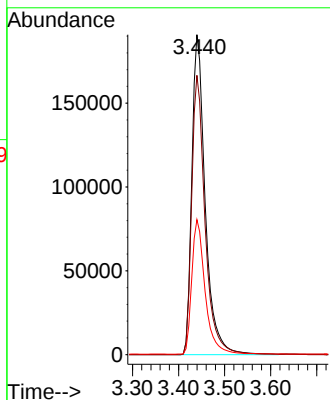
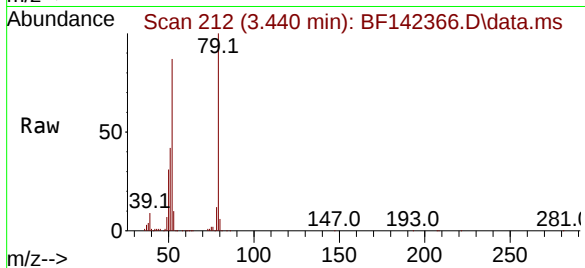




#3
Pyridine
Concen: 40.122 ng
RT: 3.440 min Scan# 214
Delta R.T. -0.012 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

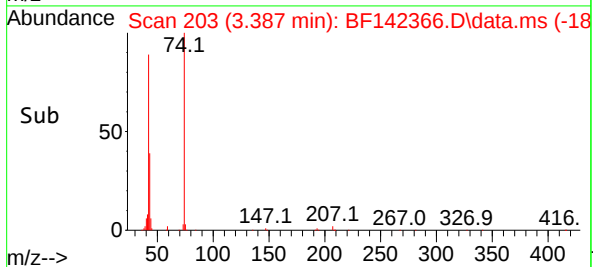
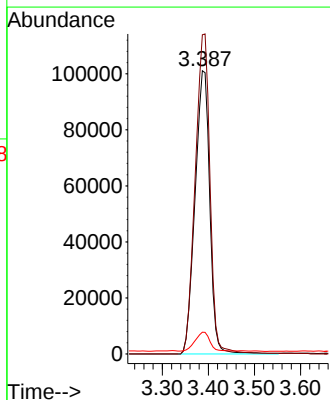
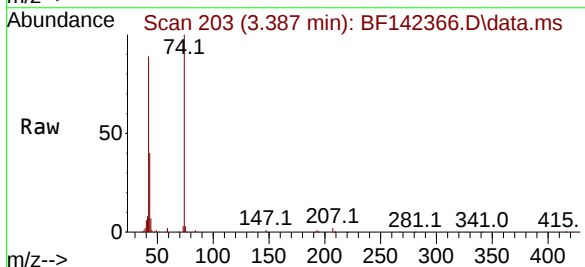
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion: 79 Resp: 385286
Ion Ratio Lower Upper
79 100
52 87.3 71.0 106.4
51 42.2 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 40.319 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 42 Resp: 225025
Ion Ratio Lower Upper
42 100
74 112.7 88.5 132.7
44 7.7 5.8 8.8

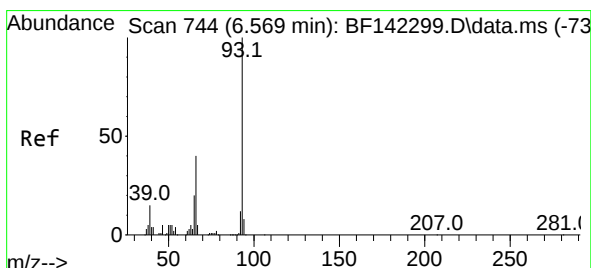
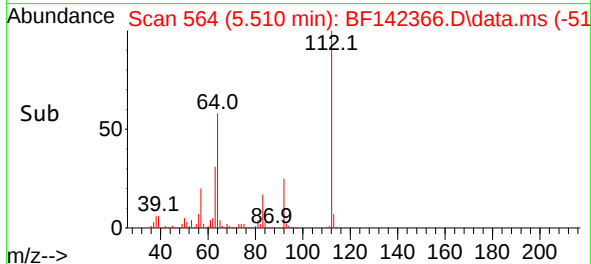
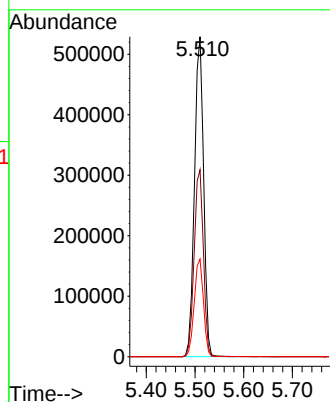
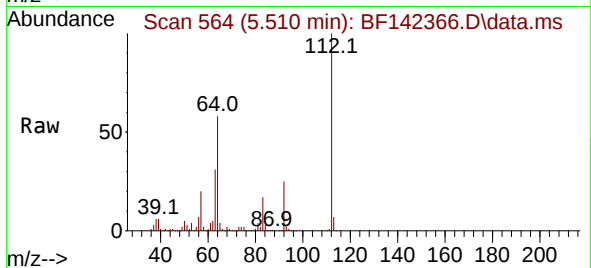




#5
2-Fluorophenol
Concen: 76.258 ng
RT: 5.510 min Scan# 510
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

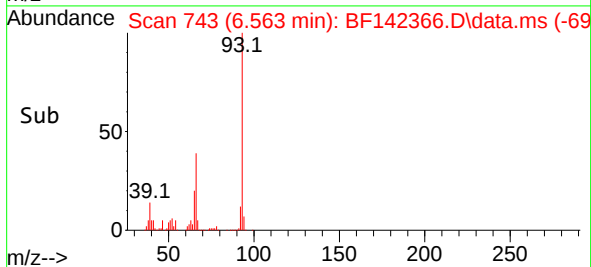
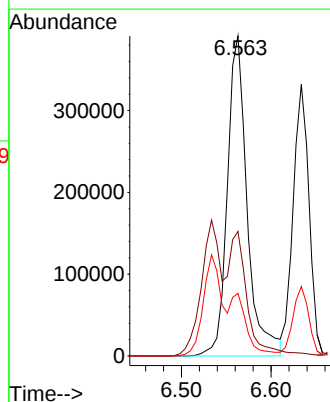
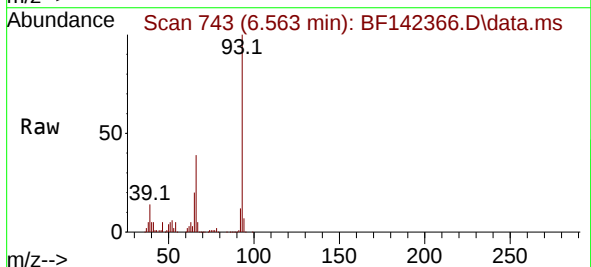
Instrument :
BNA_F
ClientSampleId :
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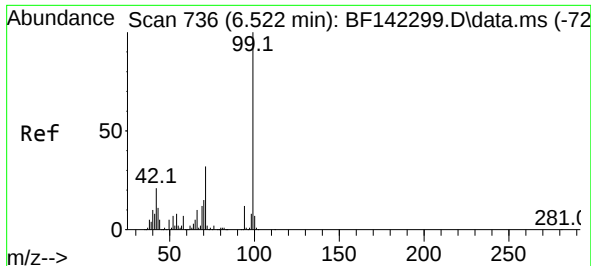
Tgt Ion:112 Resp: 692630
Ion Ratio Lower Upper
112 100
64 58.4 48.9 73.3
63 30.5 25.6 38.4



#6
Aniline
Concen: 54.708 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 93 Resp: 599443
Ion Ratio Lower Upper
93 100
66 38.9 32.2 48.4
65 19.5 16.3 24.5

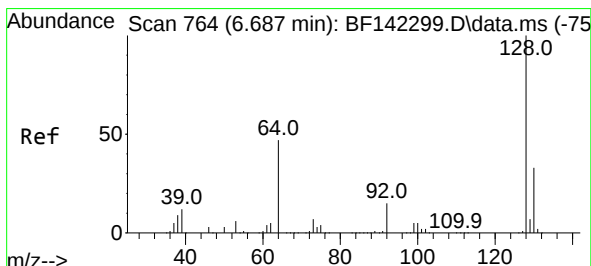
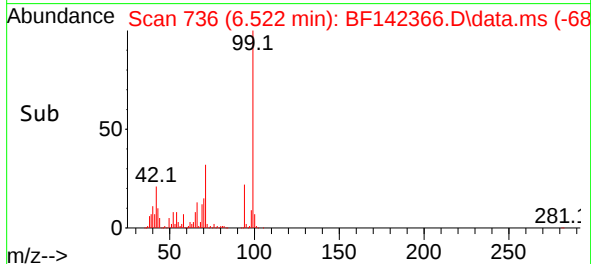
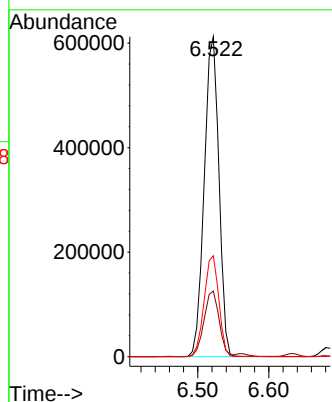
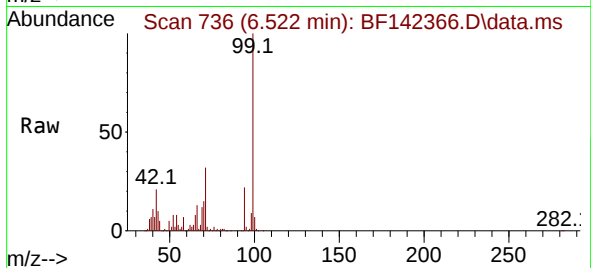




#7
Phenol-d6
Concen: 78.956 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

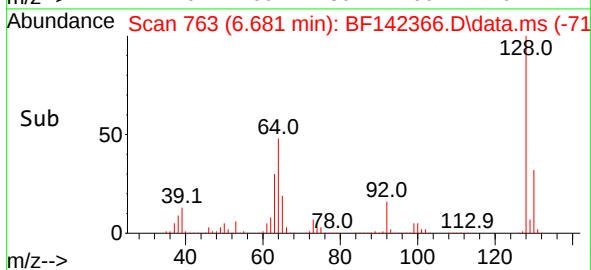
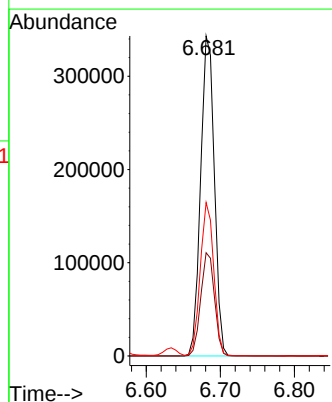
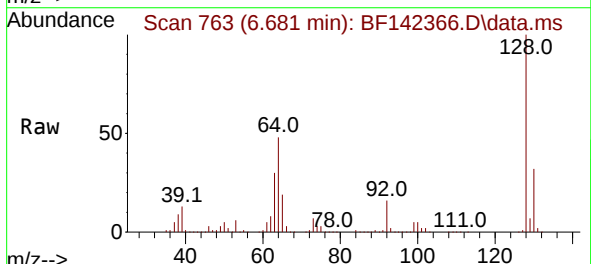
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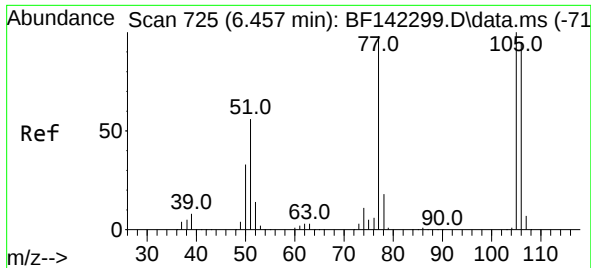
Tgt Ion: 99 Resp: 882025
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 31.6 25.8 38.8



#8
2-Chlorophenol
Concen: 45.512 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:128 Resp: 441735
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 48.0 29.2 69.2





#9

Benzaldehyde

Concen: 40.774 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

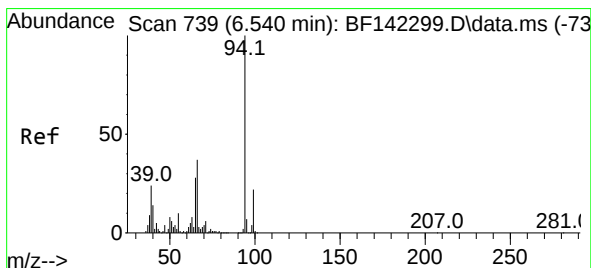
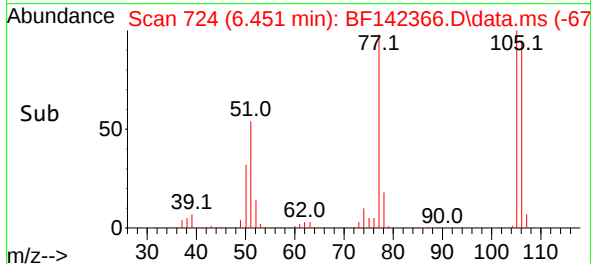
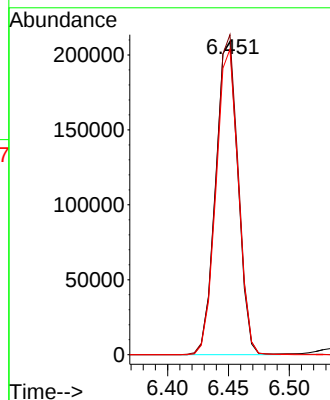
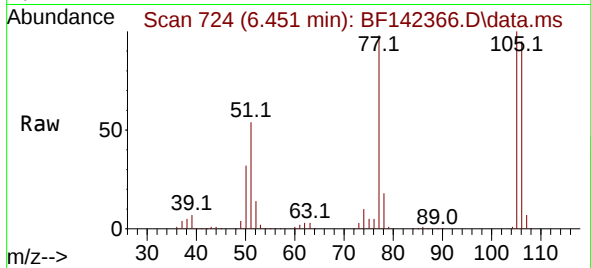
Tgt Ion: 77 Resp: 266588

Ion Ratio Lower Upper

77 100

105 102.2 82.0 122.0

106 97.6 77.2 117.2



#10

Phenol

Concen: 48.677 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.006 min

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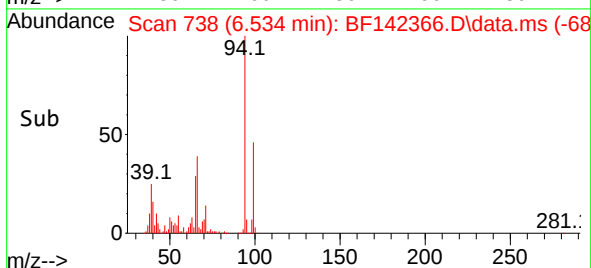
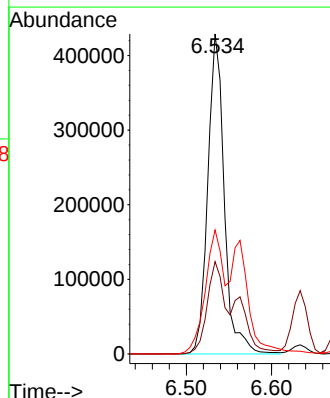
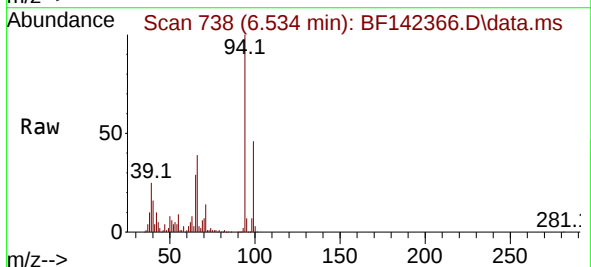
Tgt Ion: 94 Resp: 576407

Ion Ratio Lower Upper

94 100

65 28.8 8.5 48.5

66 38.7 17.3 57.3

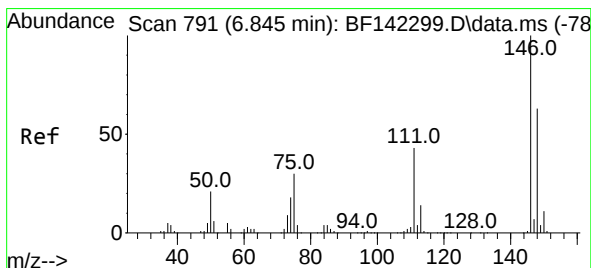
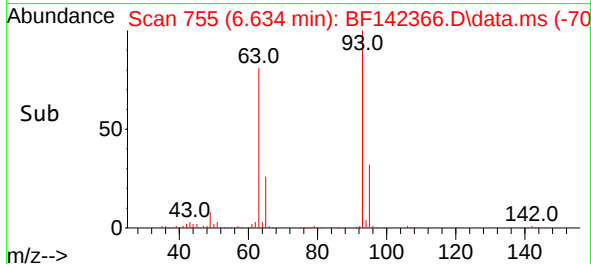
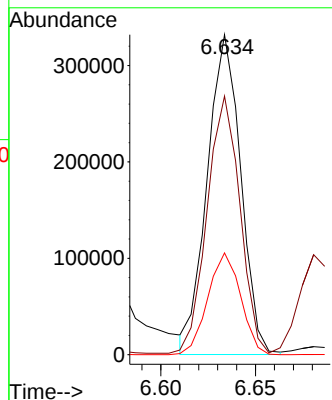
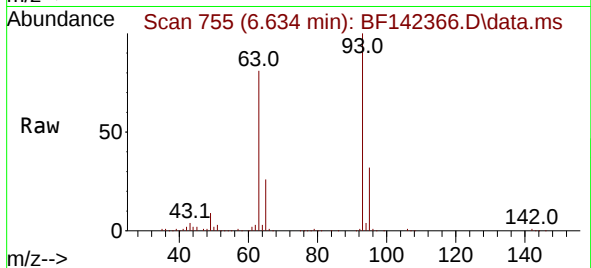




#11
bis(2-Chloroethyl)ether
Concen: 35.004 ng
RT: 6.634 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

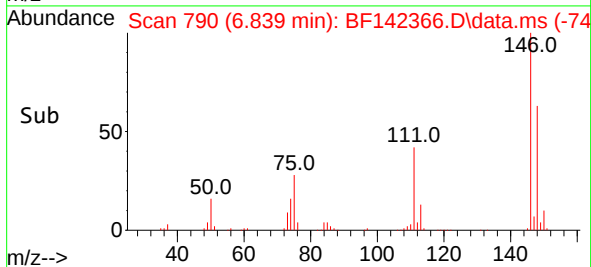
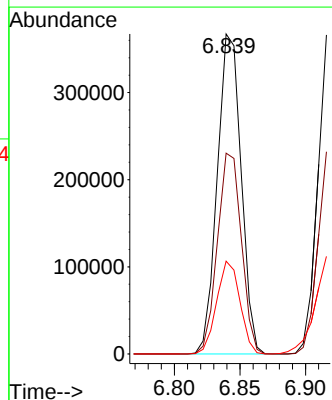
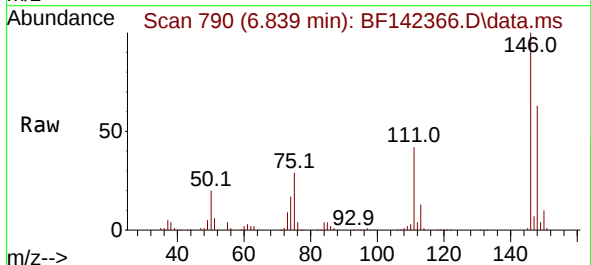
Instrument :
BNA_F
ClientSampleId :
TP-3MS

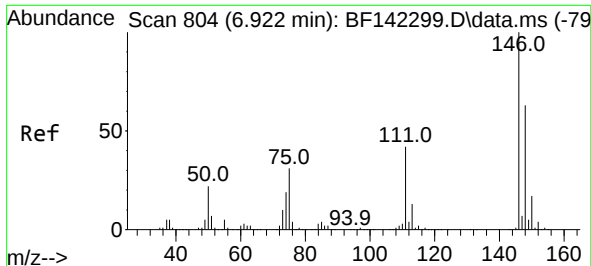
Tgt Ion: 93 Resp: 408748
Ion Ratio Lower Upper
93 100
63 80.8 58.4 98.4
95 31.8 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 41.825 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:146 Resp: 464430
Ion Ratio Lower Upper
146 100
148 62.7 50.6 76.0
75 29.0 24.2 36.4

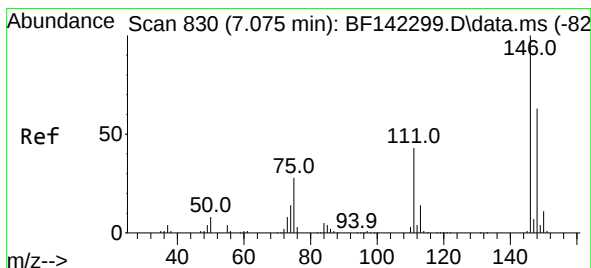
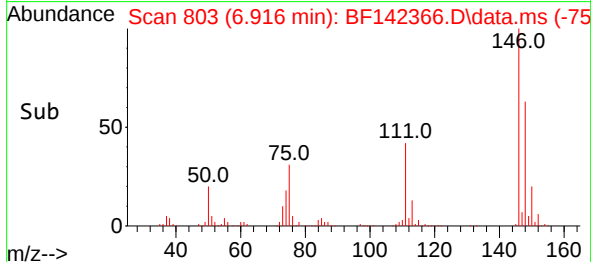
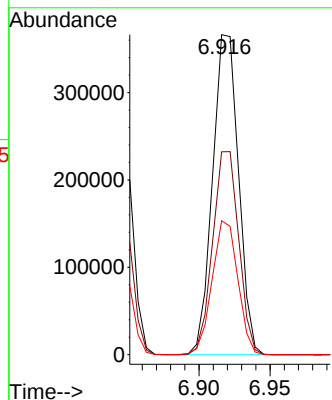
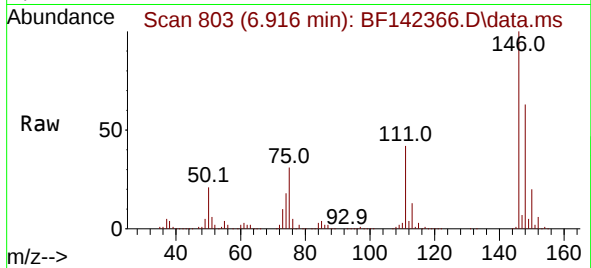




#13
1,4-Dichlorobenzene
Concen: 41.797 ng
RT: 6.916 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

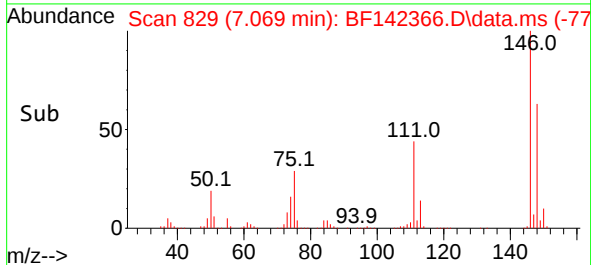
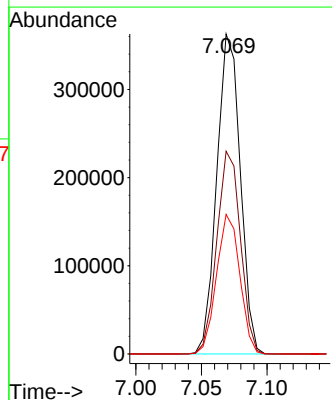
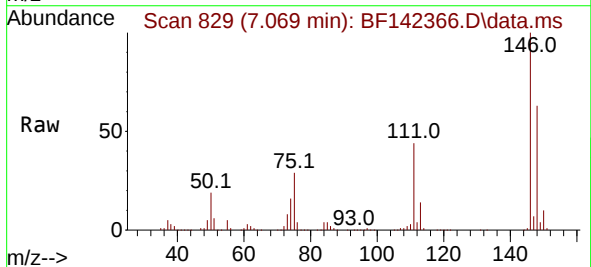
Instrument :
BNA_F
ClientSampleId :
TP-3MS

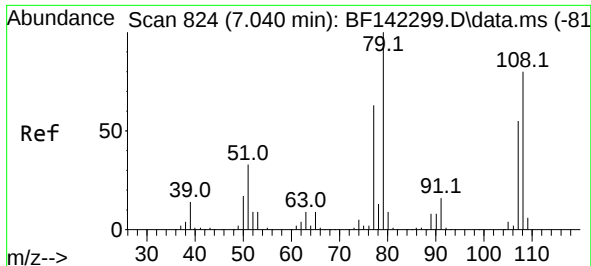
Tgt Ion:146 Resp: 465991
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 41.8 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 42.234 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:146 Resp: 451963
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
111 43.6 34.5 51.7

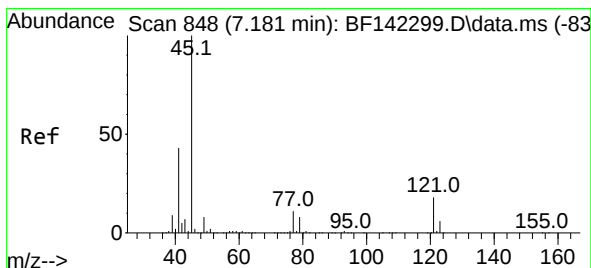
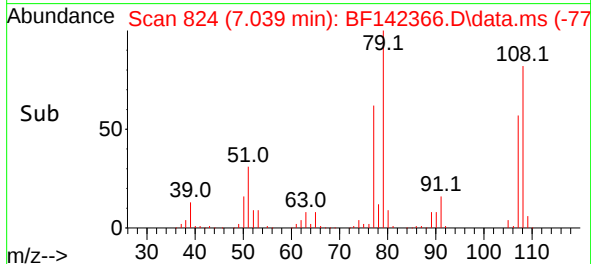
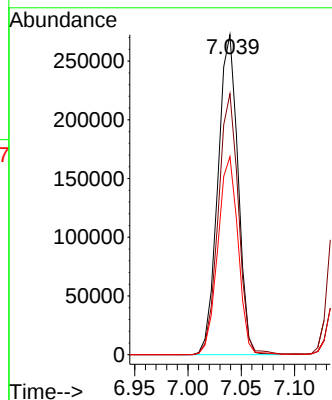
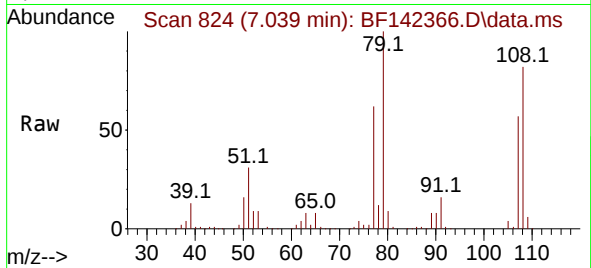




#15
Benzyl Alcohol
Concen: 49.324 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

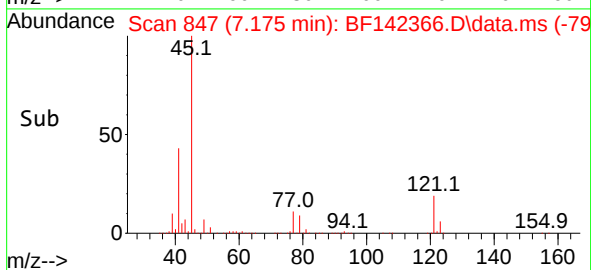
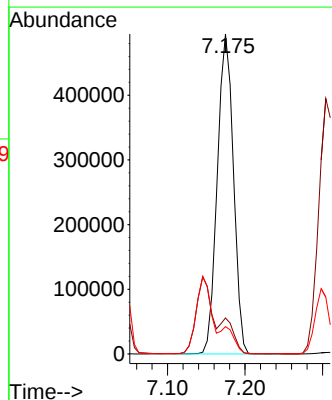
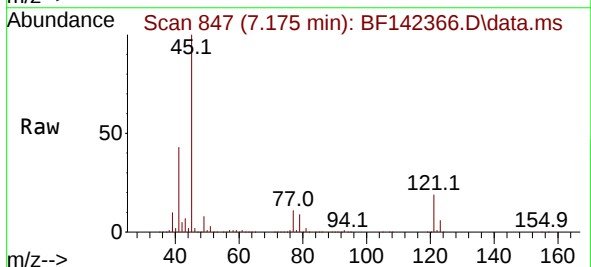
Instrument :
BNA_F
ClientSampleId :
TP-3MS

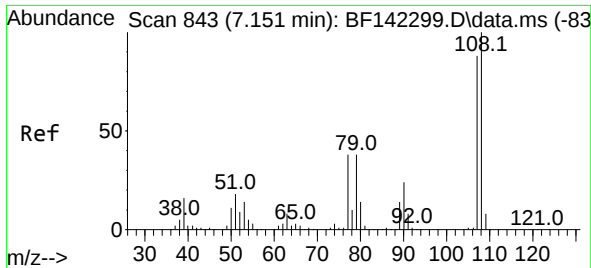
Tgt Ion: 79 Resp: 356796
Ion Ratio Lower Upper
79 100
108 81.6 63.9 95.9
77 61.8 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.944 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 45 Resp: 713977
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.2
79 8.6 0.0 28.5

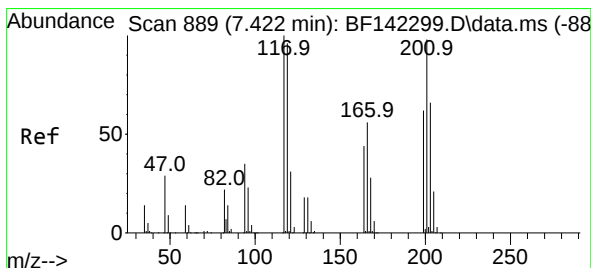
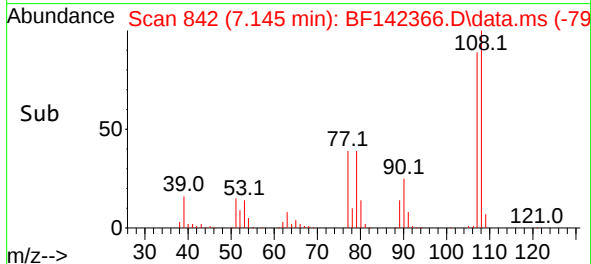
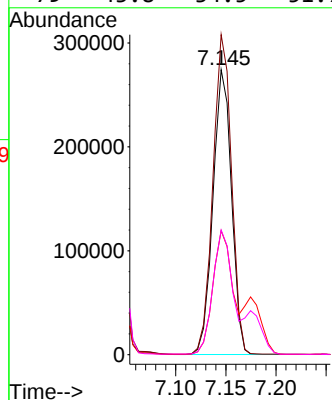
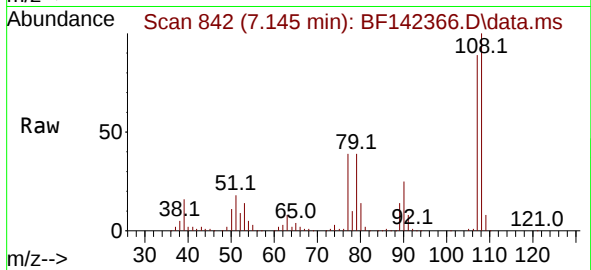




#17
2-Methylphenol
Concen: 44.777 ng
RT: 7.145 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

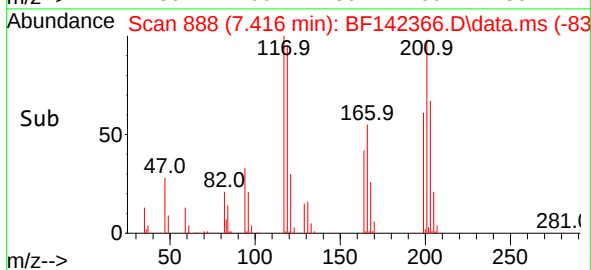
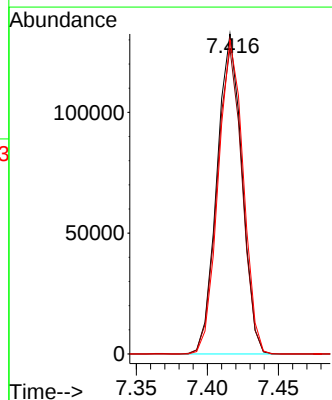
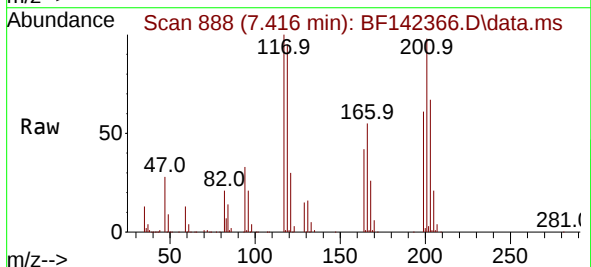
Instrument :
BNA_F
ClientSampleId :
TP-3MS

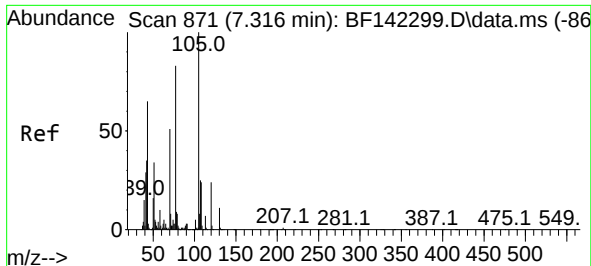
Tgt Ion:	107	Resp:	351851
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.1	136.7
77	43.5	34.7	52.1
79	43.8	34.5	51.7



#18
Hexachloroethane
Concen: 43.632 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:	117	Resp:	161853
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.9	115.3
201	98.2	78.0	117.0

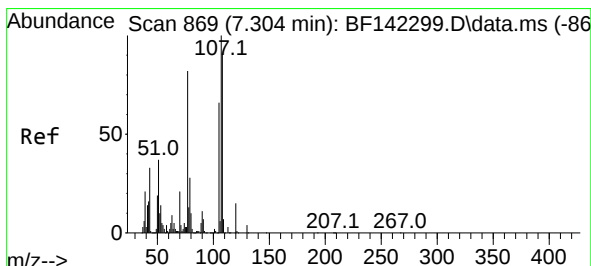
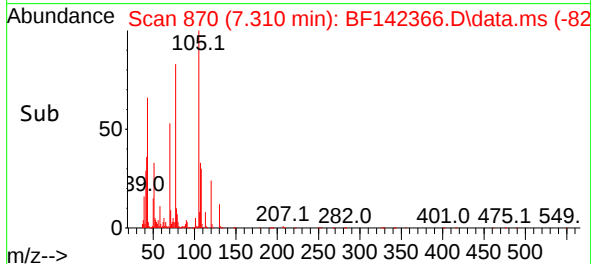
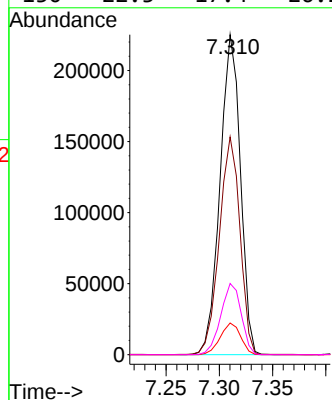
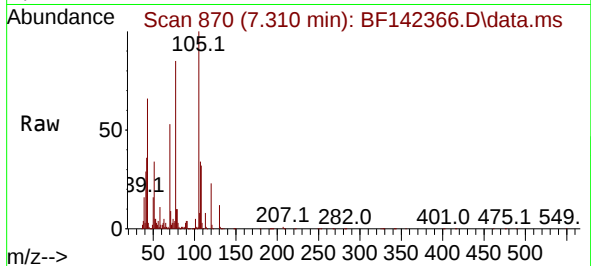




#19
n-Nitroso-di-n-propylamine
Concen: 43.231 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

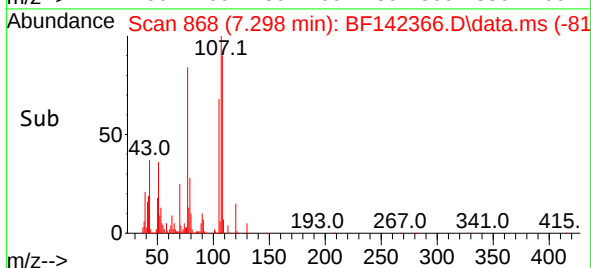
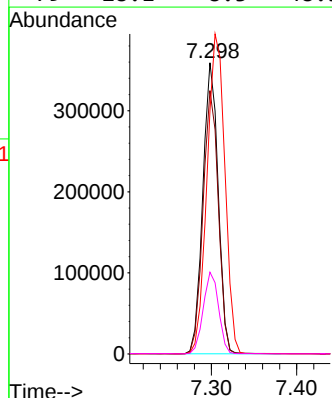
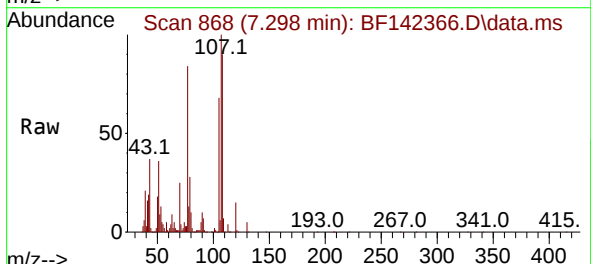
Instrument :
BNA_F
ClientSampleId :
TP-3MS

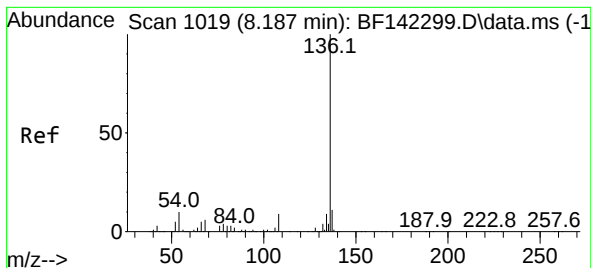
Tgt Ion: 70 Resp: 298725
Ion Ratio Lower Upper
70 100
42 68.1 54.8 82.2
101 9.9 7.7 11.5
130 22.3 17.4 26.2



#20
3+4-Methylphenols
Concen: 45.721 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion: 107 Resp: 448388
Ion Ratio Lower Upper
107 100
108 90.4 71.5 111.5
77 83.5 61.6 101.6
79 28.1 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:136 Resp: 631761

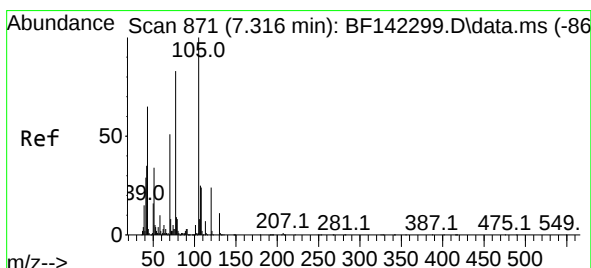
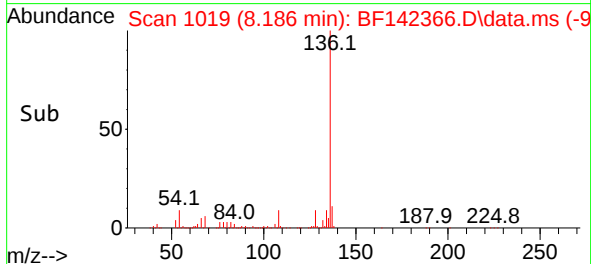
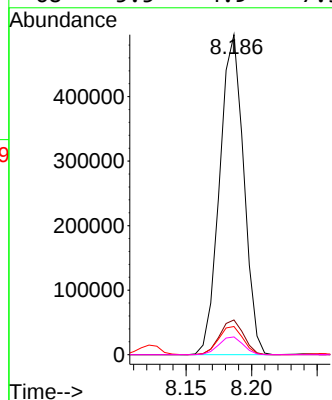
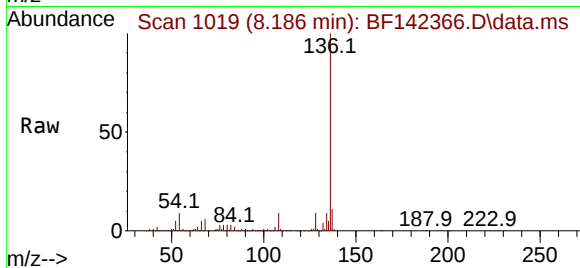
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.8 7.7 11.5

68 5.5 4.9 7.3



#22

Acetophenone

Concen: 41.370 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Tgt Ion:105 Resp: 581115

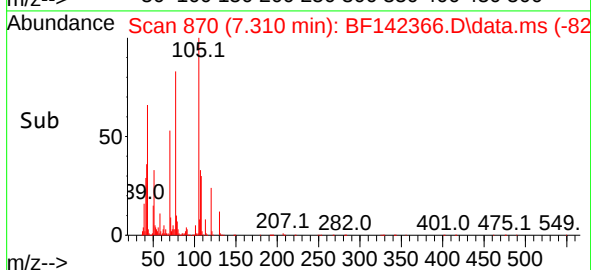
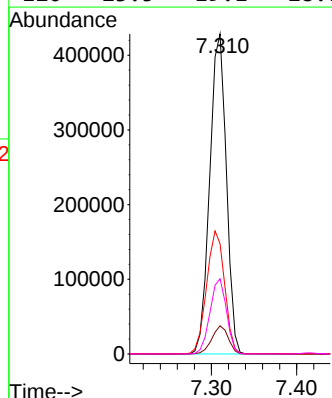
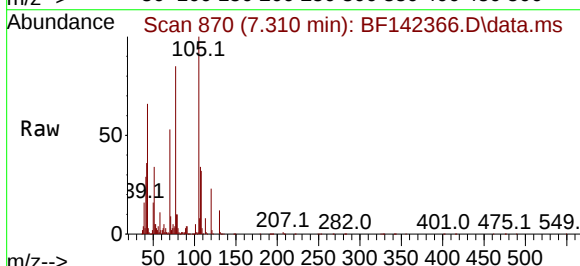
Ion Ratio Lower Upper

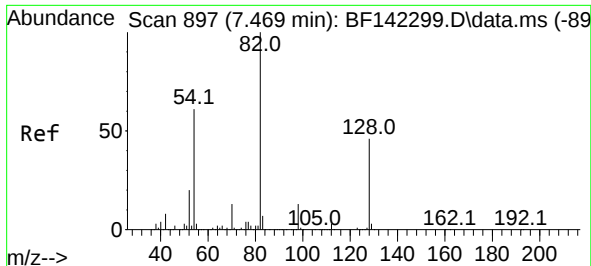
105 100

71 8.8 6.7 10.1

51 34.5 27.6 41.4

120 23.5 19.1 28.7





#23

Nitrobenzene-d5

Concen: 50.229 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

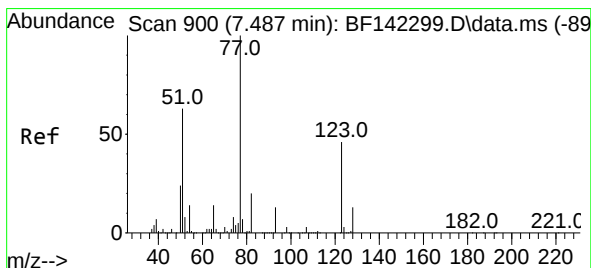
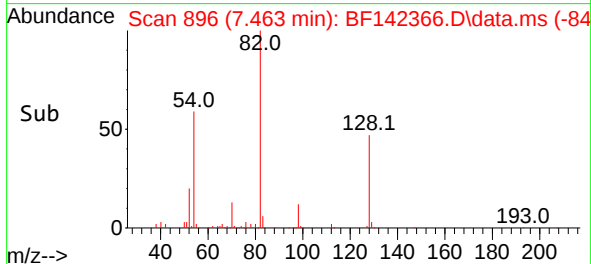
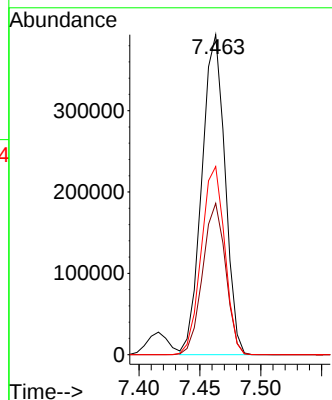
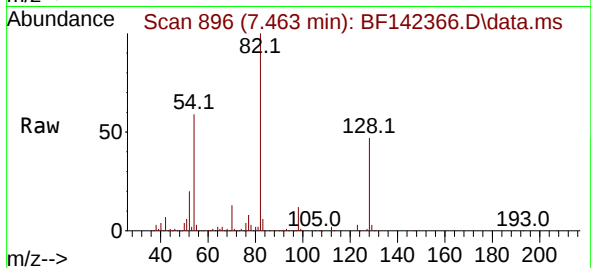
Tgt Ion: 82 Resp: 520318

Ion Ratio Lower Upper

82 100

128 47.3 37.0 55.6

54 58.8 48.6 73.0



#24

Nitrobenzene

Concen: 45.191 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

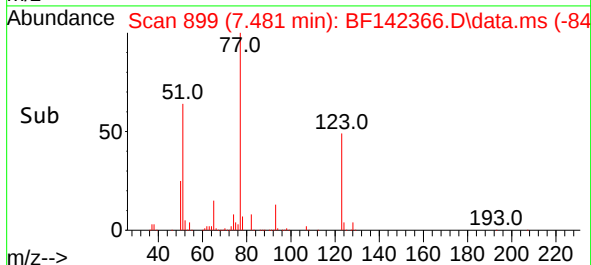
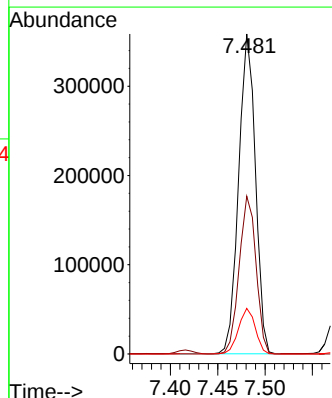
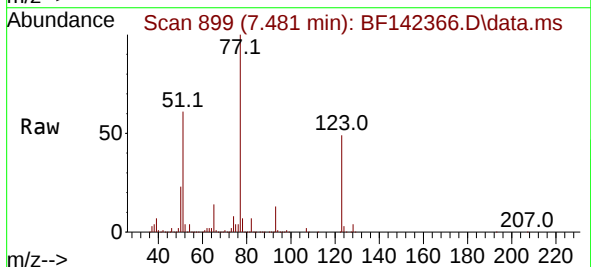
Tgt Ion: 77 Resp: 441270

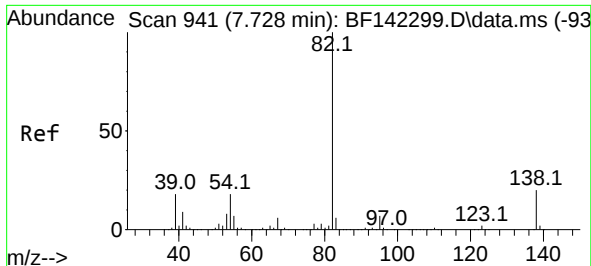
Ion Ratio Lower Upper

77 100

123 49.3 37.8 56.8

65 14.3 11.4 17.0

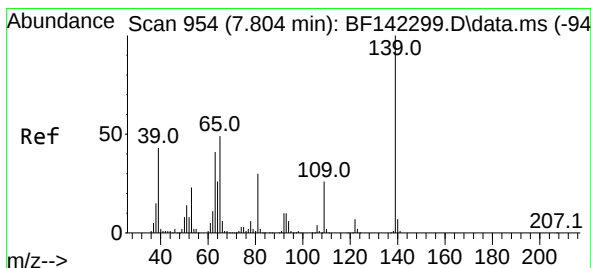
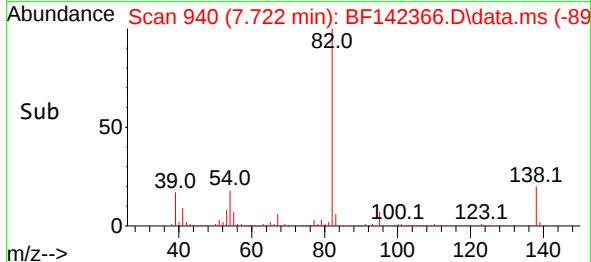
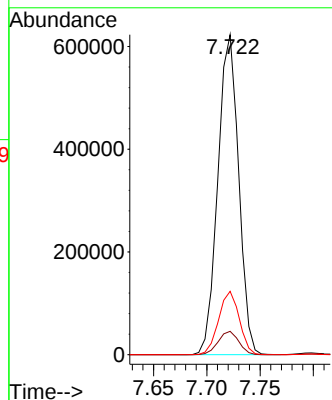
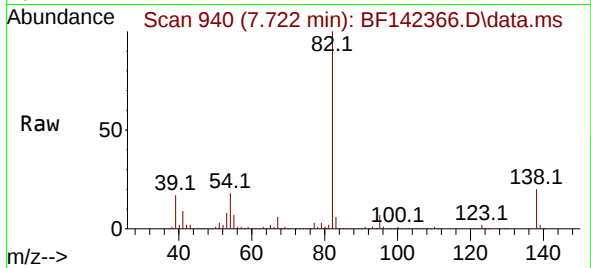




#25
Isophorone
Concen: 43.079 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

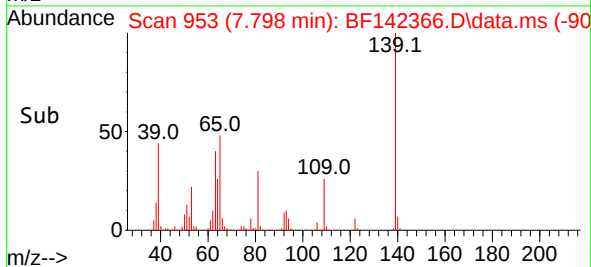
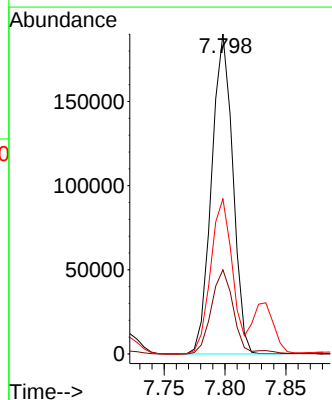
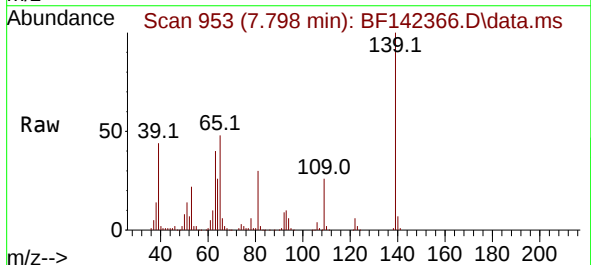
Instrument :
BNA_F
ClientSampleId :
TP-3MS

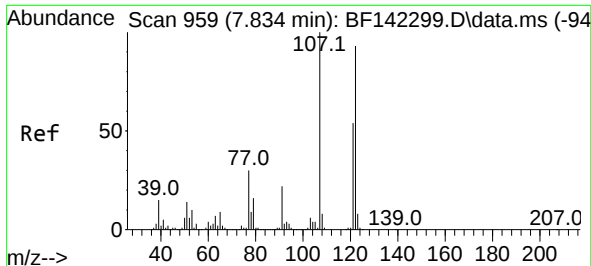
Tgt Ion: 82 Resp: 845033
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 19.8 16.1 24.1



#26
2-Nitrophenol
Concen: 48.886 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:139 Resp: 230474
Ion Ratio Lower Upper
139 100
109 26.3 20.8 31.2
65 48.4 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 43.945 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142366.D

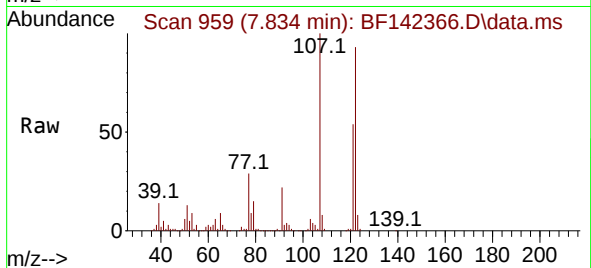
Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS



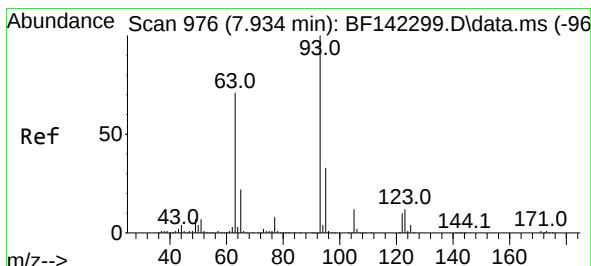
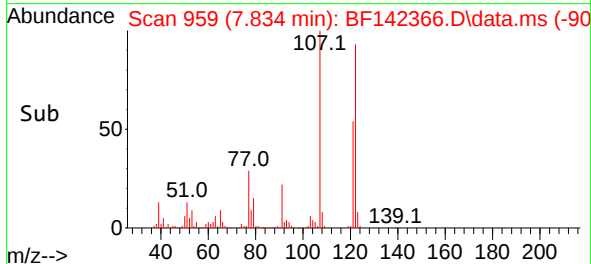
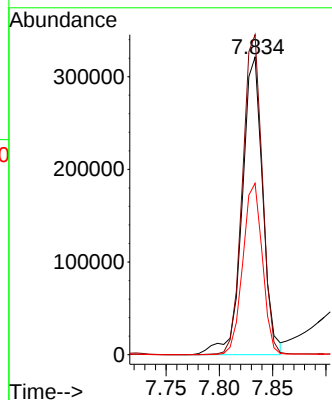
Tgt Ion:122 Resp: 433405

Ion Ratio Lower Upper

122 100

107 107.5 86.0 129.0

121 57.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.451 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

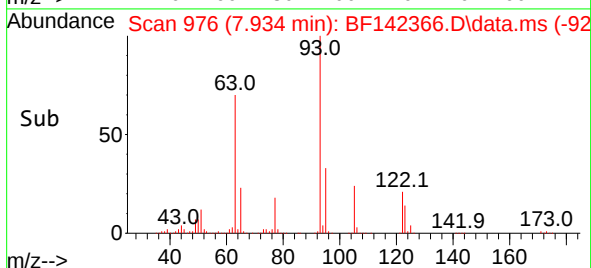
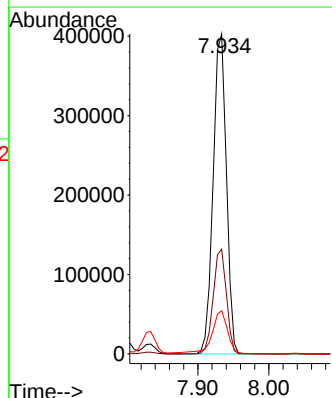
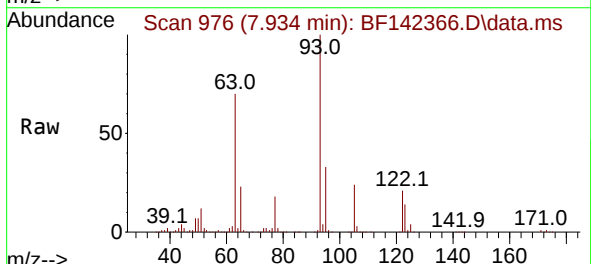
Tgt Ion: 93 Resp: 522841

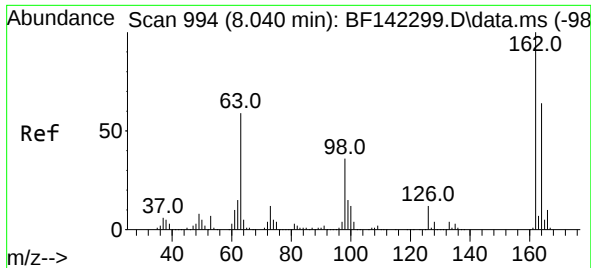
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 13.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.229 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

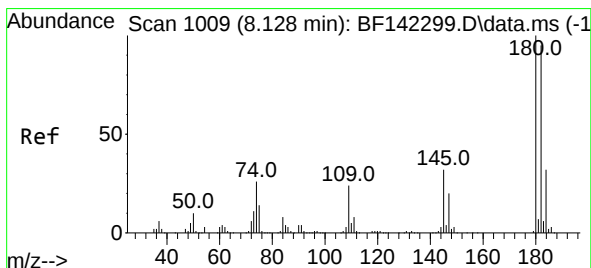
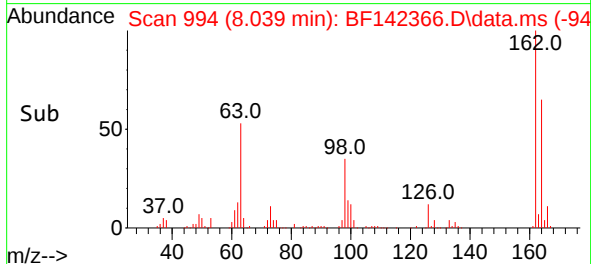
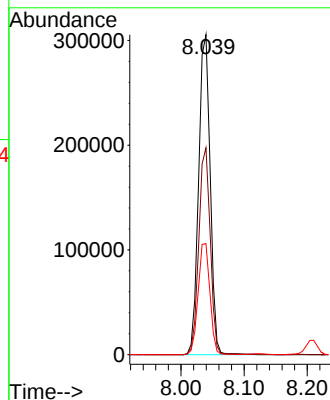
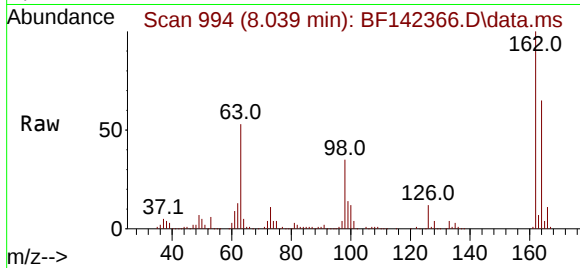
Tgt Ion:162 Resp: 387626

Ion Ratio Lower Upper

162 100

164 64.6 43.6 83.6

98 34.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 41.484 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

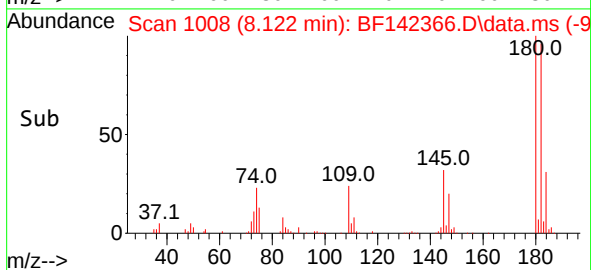
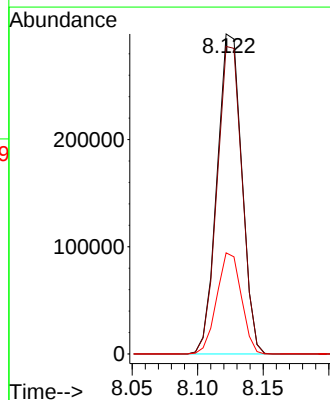
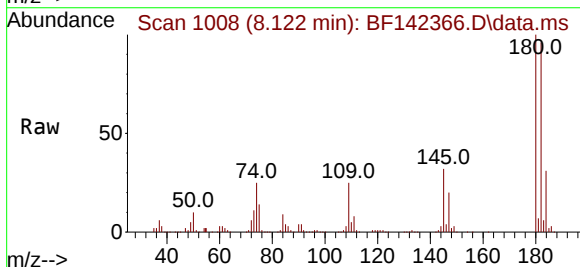
Tgt Ion:180 Resp: 391460

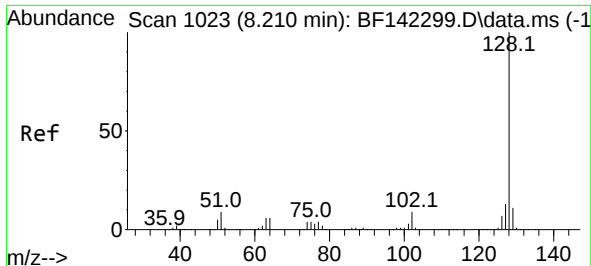
Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.4

145 31.6 25.8 38.6

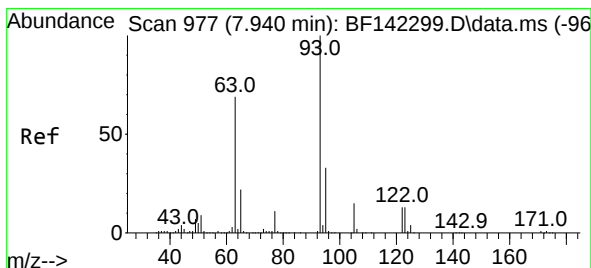
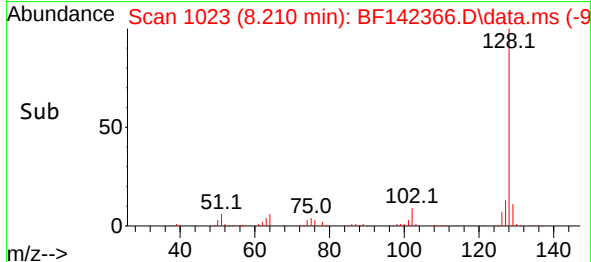
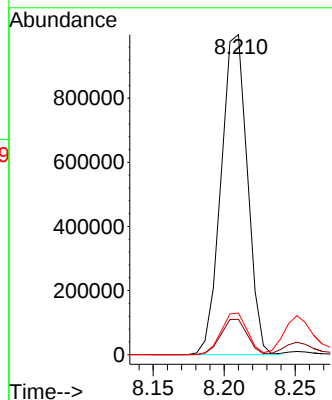
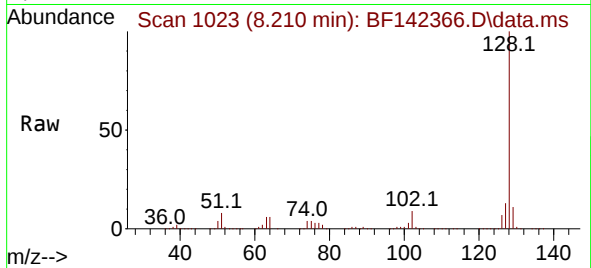




#31
Naphthalene
Concen: 42.063 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

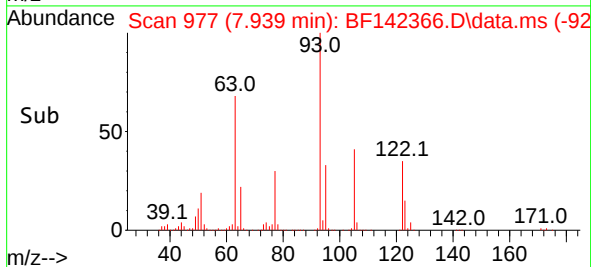
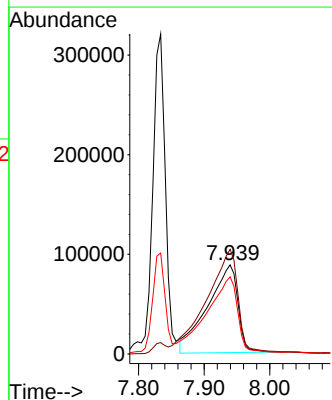
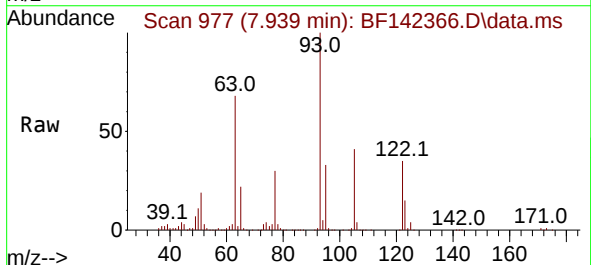
Instrument :
BNA_F
ClientSampleId :
TP-3MS

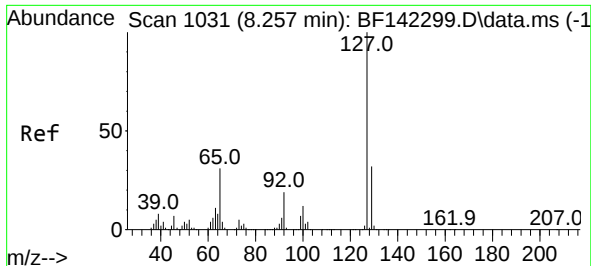
Tgt Ion:128 Resp: 1287929
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 52.101 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:122 Resp: 282694
Ion Ratio Lower Upper
122 100
105 117.3 97.9 137.9
77 86.4 67.7 107.7

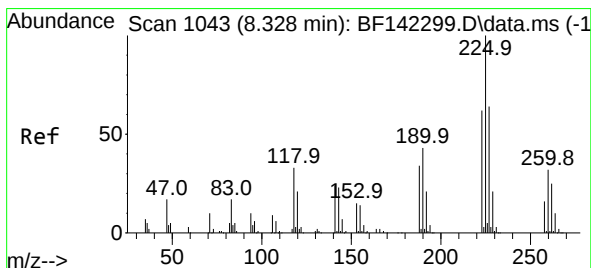
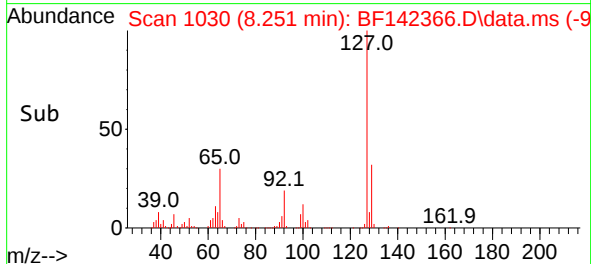
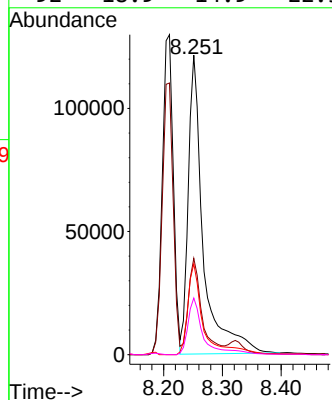
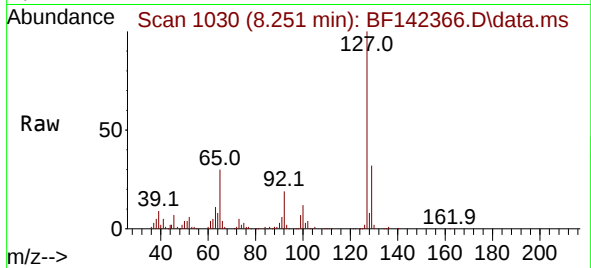




#33
4-Chloroaniline
Concen: 17.370 ng
RT: 8.251 min Scan# 1031
Delta R.T. -0.016 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

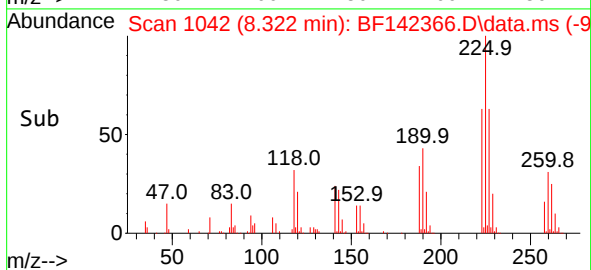
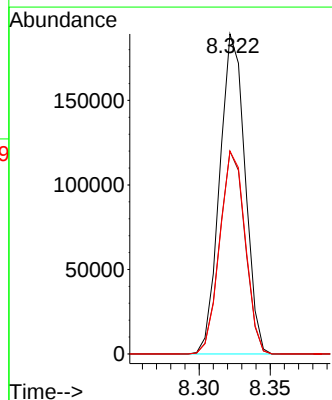
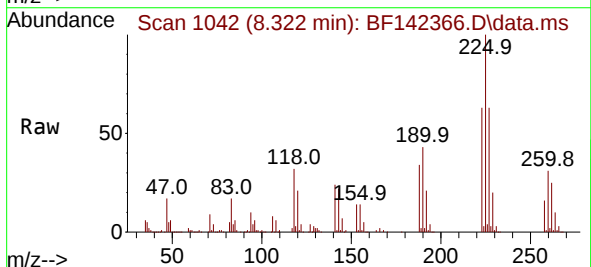
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:127	Resp: 217014
Ion Ratio	Lower Upper
127 100	
129 32.1	25.7 38.5
65 30.3	24.9 37.3
92 18.9	14.9 22.3



#34
Hexachlorobutadiene
Concen: 41.941 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:225	Resp: 234355
Ion Ratio	Lower Upper
225 100	
223 63.3	49.8 74.6
227 63.4	50.9 76.3

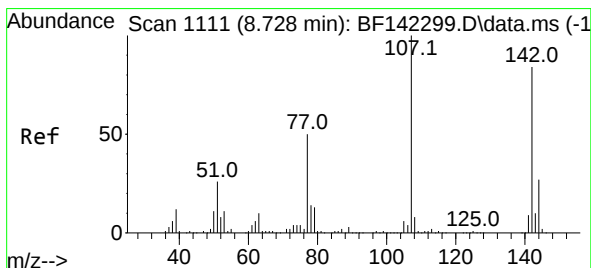
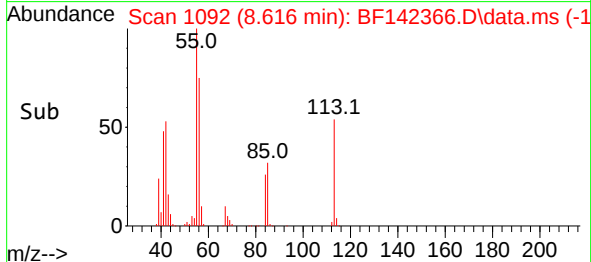
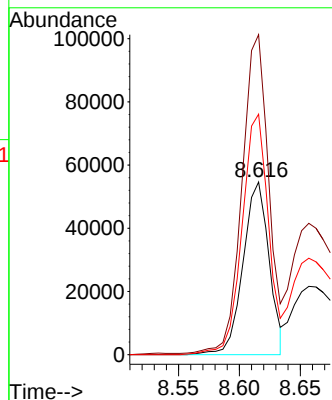
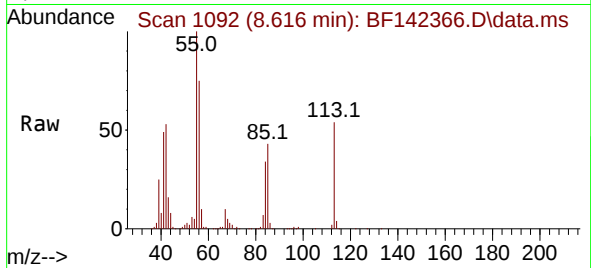




#35
 Caprolactam
 Concen: 33.263 ng
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF142366.D
 Acq: 14 May 2025 15:20

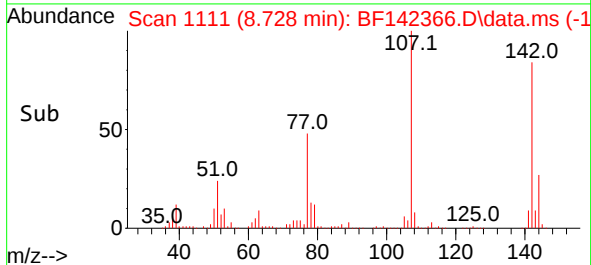
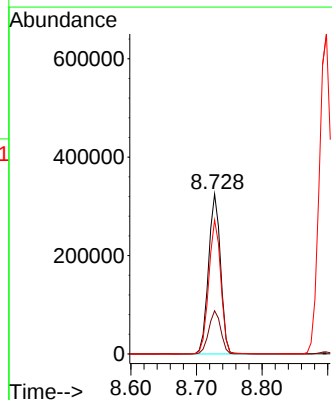
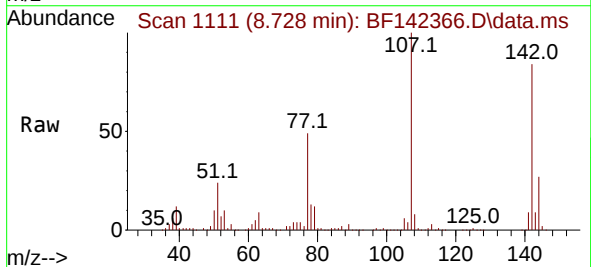
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

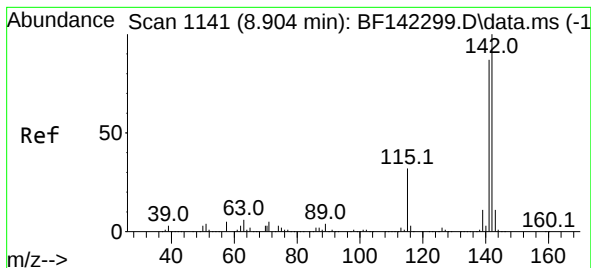
Tgt Ion:113 Resp: 81284
 Ion Ratio Lower Upper
 113 100
 55 185.4 176.4 216.4
 56 139.3 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.855 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF142366.D
 Acq: 14 May 2025 15:20

Tgt Ion:107 Resp: 417111
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.3 31.9
 142 83.7 66.9 100.3





#37

2-Methylnaphthalene

Concen: 43.271 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

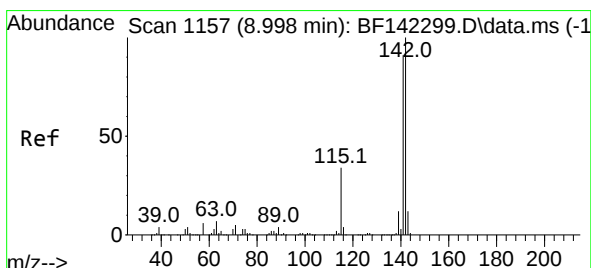
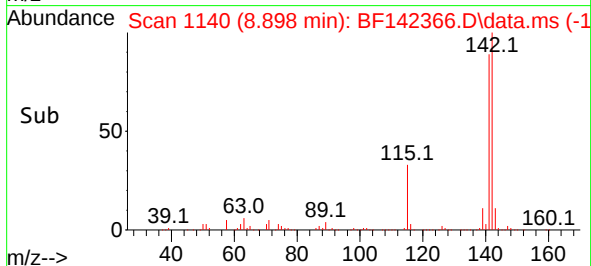
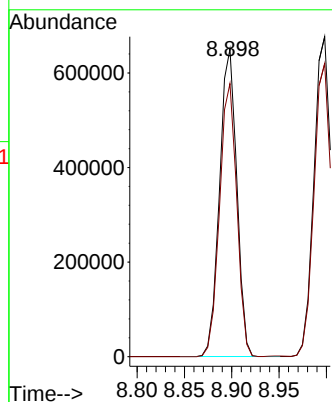
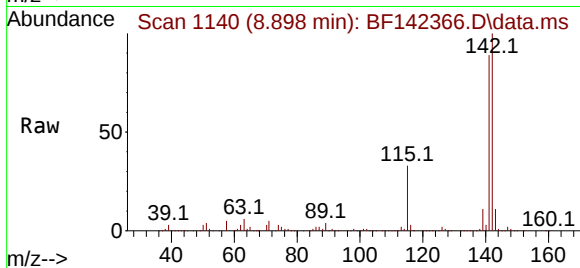
TP-3MS

Tgt Ion:142 Resp: 823265

Ion Ratio Lower Upper

142 100

141 88.8 69.4 104.2



#38

1-Methylnaphthalene

Concen: 43.112 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142366.D

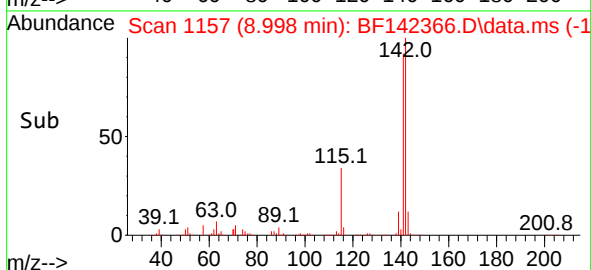
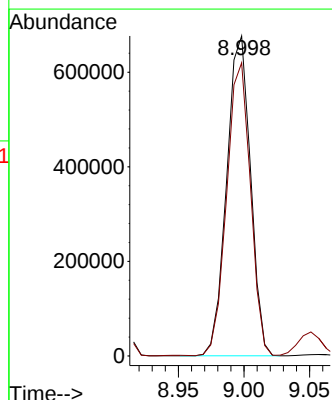
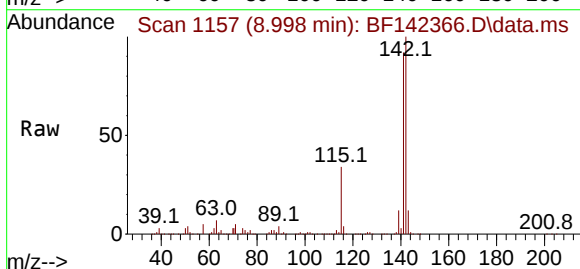
Acq: 14 May 2025 15:20

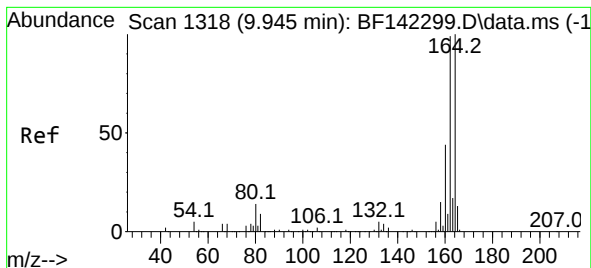
Tgt Ion:142 Resp: 854916

Ion Ratio Lower Upper

142 100

141 91.6 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

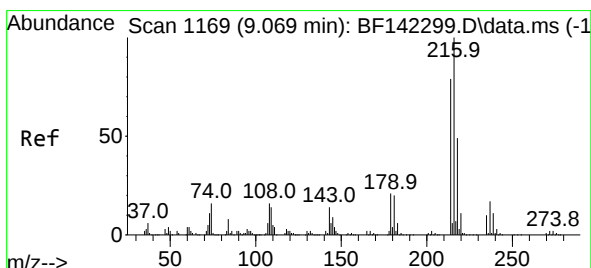
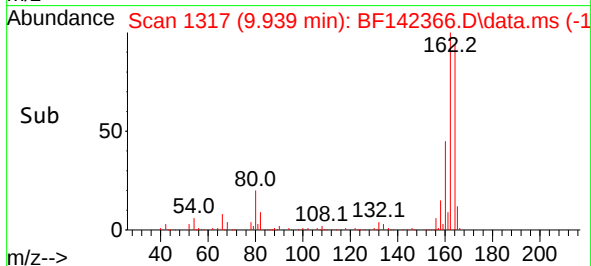
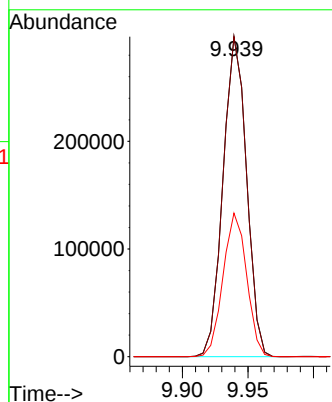
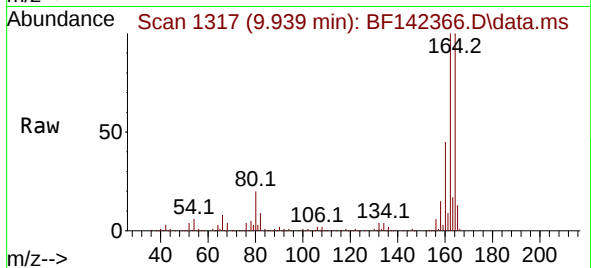
Tgt Ion:164 Resp: 370580

Ion Ratio Lower Upper

164 100

162 100.0 79.2 118.8

160 44.9 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.468 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Tgt Ion:216 Resp: 408491

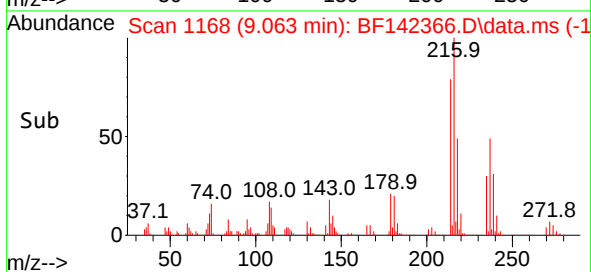
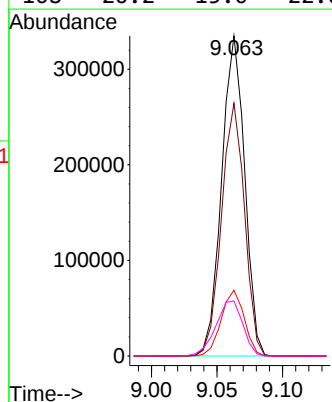
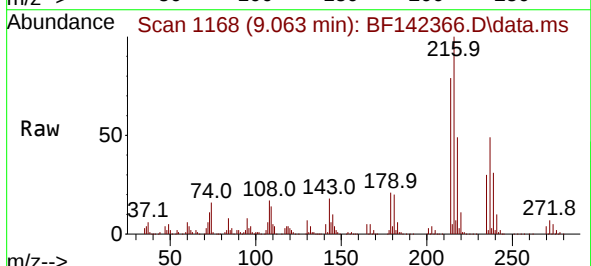
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 20.5 17.0 25.6

108 20.2 15.0 22.6

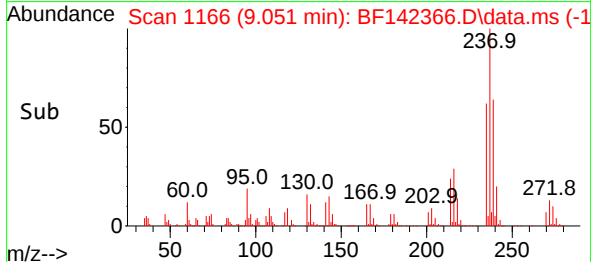
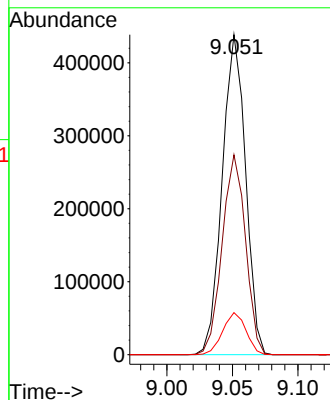
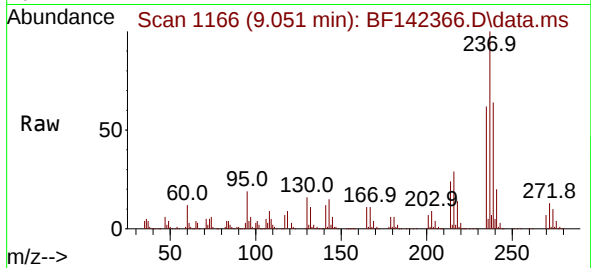




#41
Hexachlorocyclopentadiene
Concen: 84.716 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

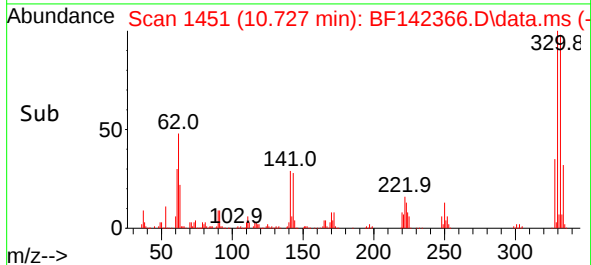
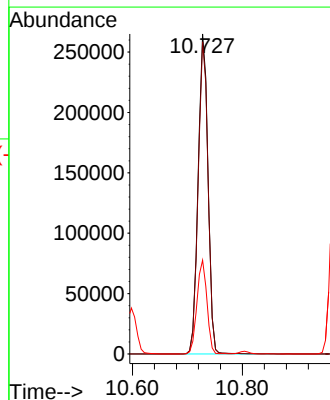
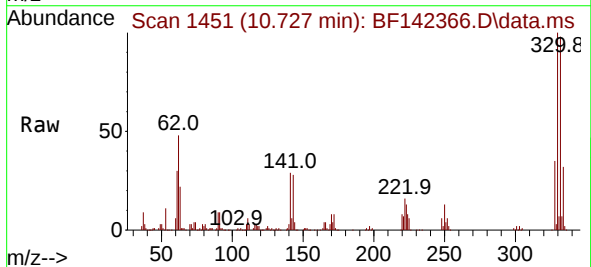
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:237 Resp: 541888
Ion Ratio Lower Upper
237 100
235 62.5 42.8 82.8
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 92.595 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:330 Resp: 331293
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 29.5 24.9 37.3

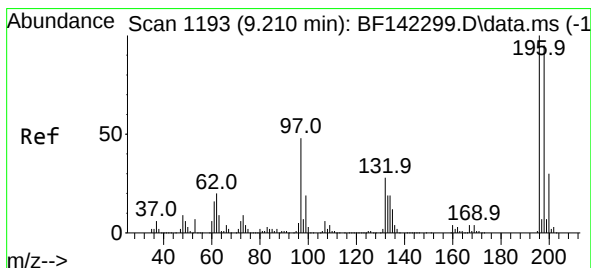
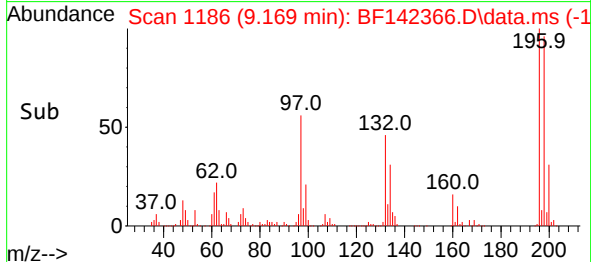
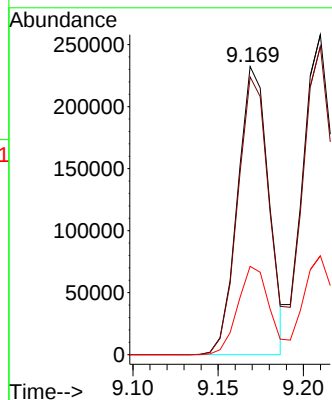
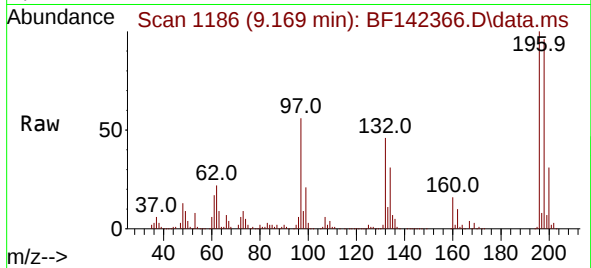




#43
2,4,6-Trichlorophenol
Concen: 45.063 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

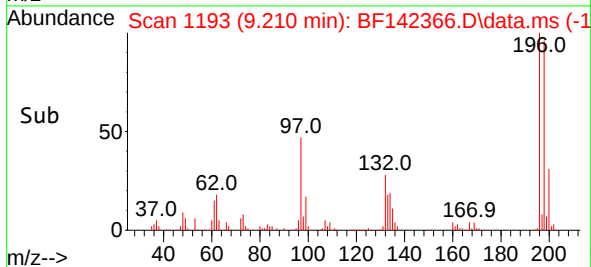
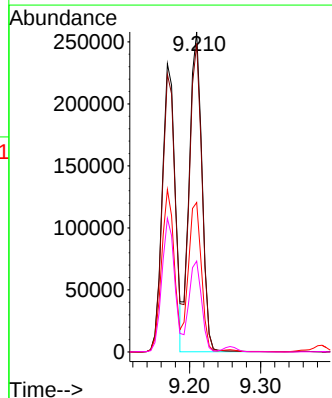
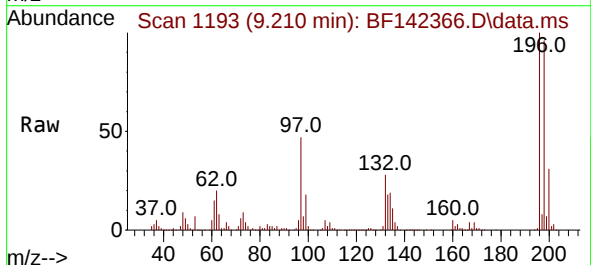
Instrument :
BNA_F
ClientSampleId :
TP-3MS

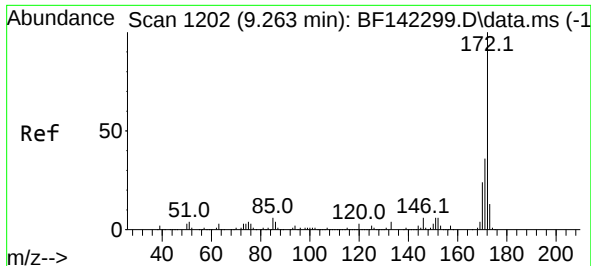
Tgt Ion:196 Resp: 294187
Ion Ratio Lower Upper
196 100
198 96.4 75.4 113.0
200 30.6 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 46.301 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:196 Resp: 321618
Ion Ratio Lower Upper
196 100
198 96.4 76.1 114.1
97 46.7 39.0 58.4
132 28.4 23.3 34.9

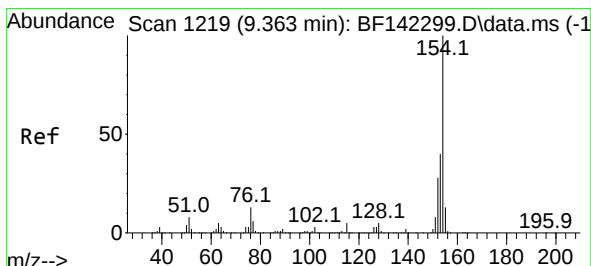
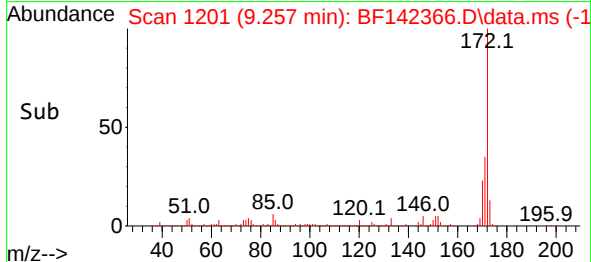
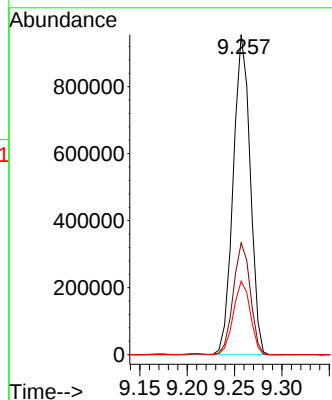
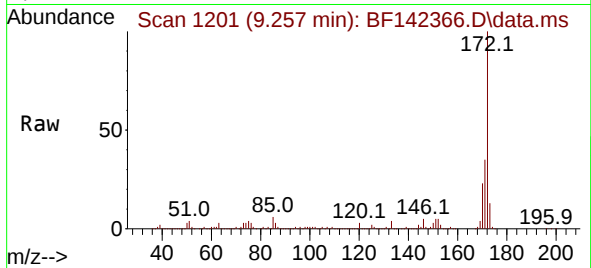




#45
2-Fluorobiphenyl
Concen: 45.880 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

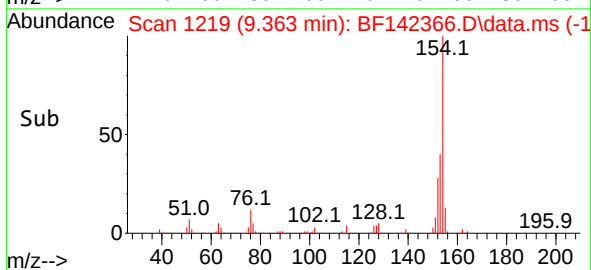
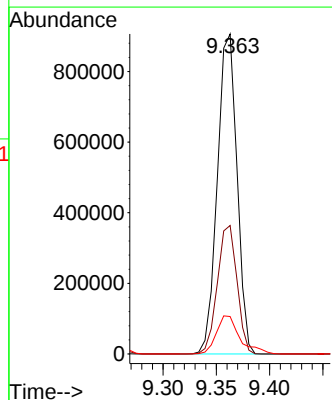
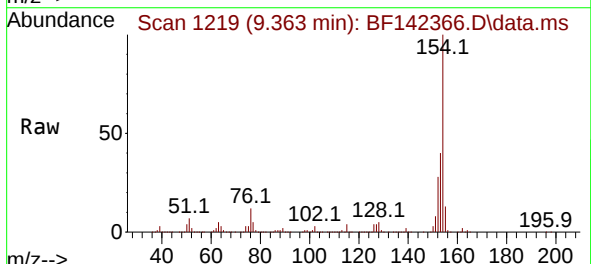
Instrument :
BNA_F
ClientSampleId :
TP-3MS

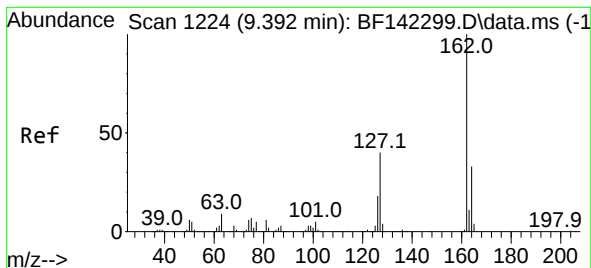
Tgt Ion:172 Resp: 1192392
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.768 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:154 Resp: 1158375
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 11.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.313 ng

RT: 9.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

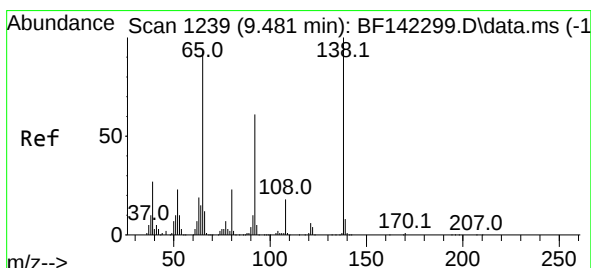
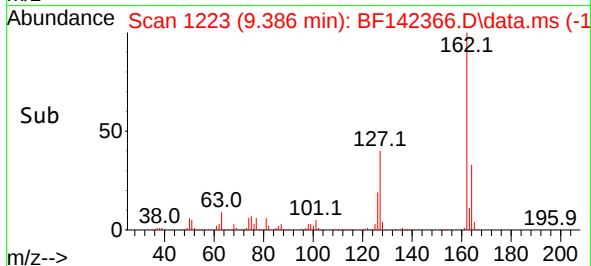
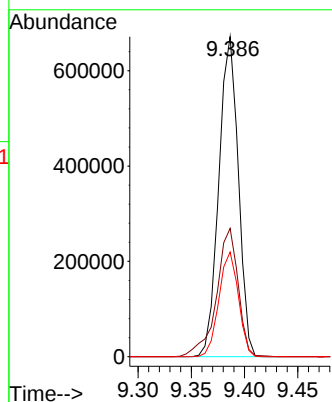
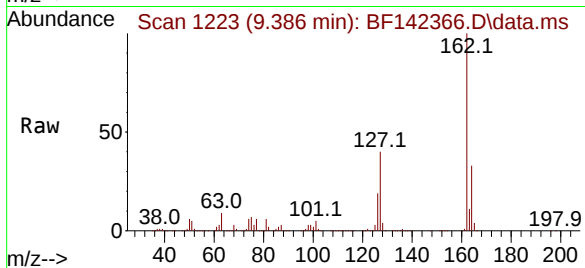
Tgt Ion:162 Resp: 851834

Ion Ratio Lower Upper

162 100

127 40.1 32.3 48.5

164 32.7 26.6 40.0



#48

2-Nitroaniline

Concen: 50.603 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

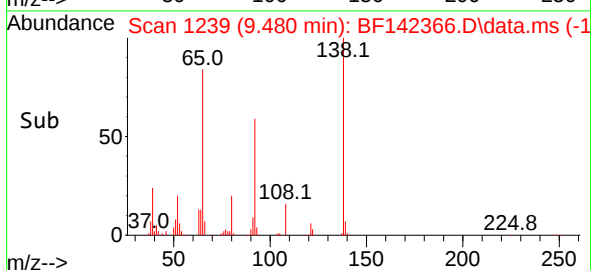
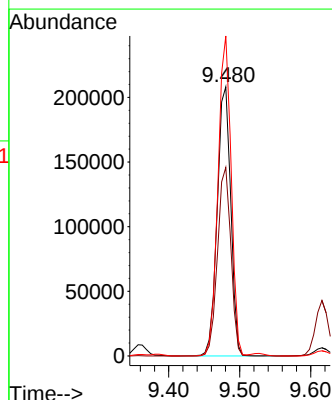
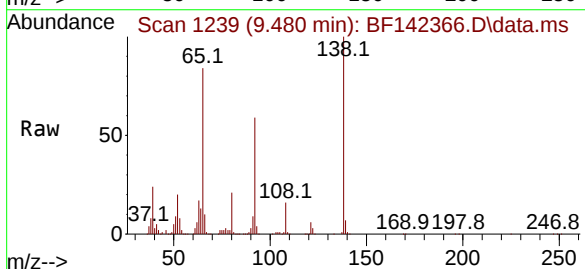
Tgt Ion: 65 Resp: 274081

Ion Ratio Lower Upper

65 100

92 70.0 52.3 78.5

138 118.9 85.6 128.4





#49

Acenaphthylene

Concen: 42.351 ng

RT: 9.804 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

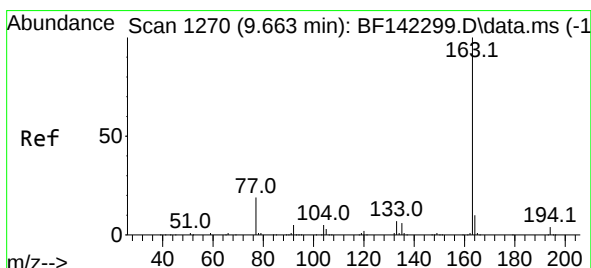
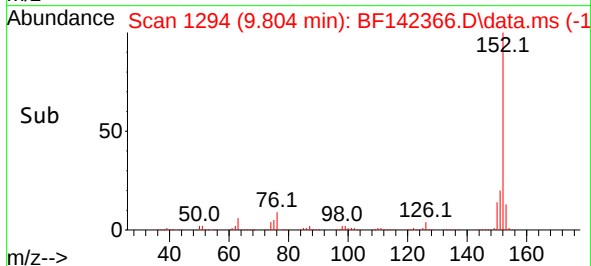
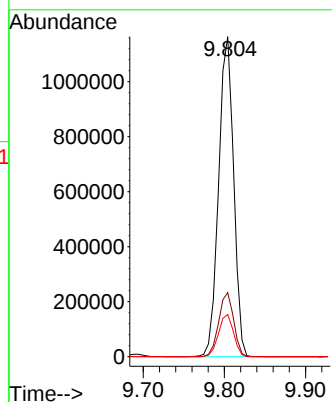
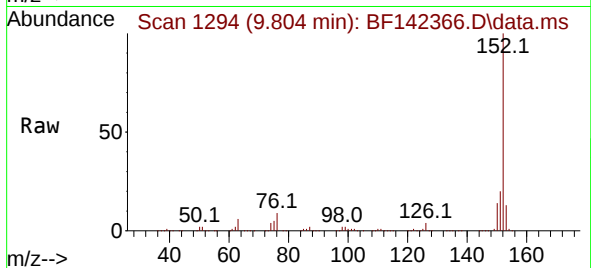
Tgt Ion:152 Resp: 1497053

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 45.078 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

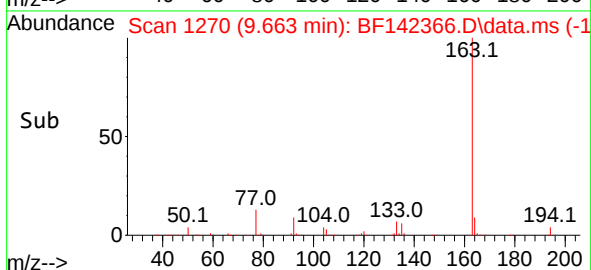
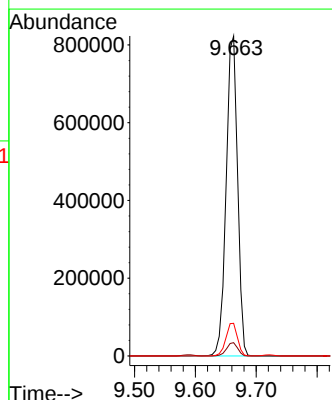
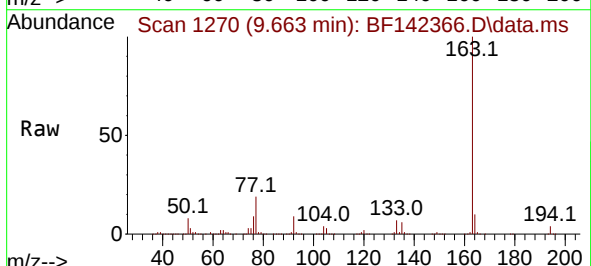
Tgt Ion:163 Resp: 1072664

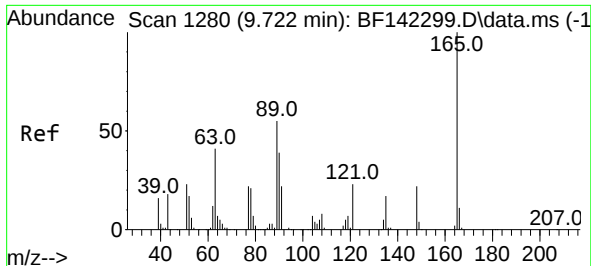
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.2 8.3 12.5

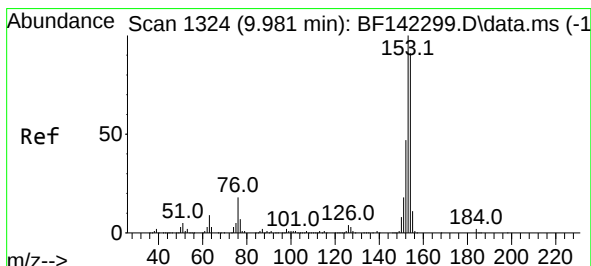
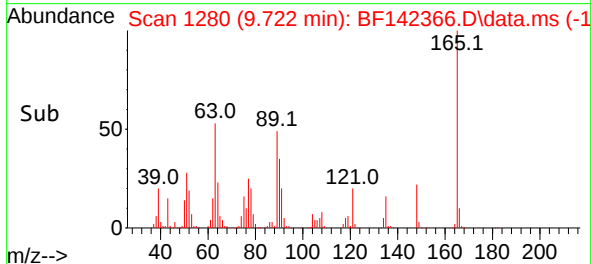
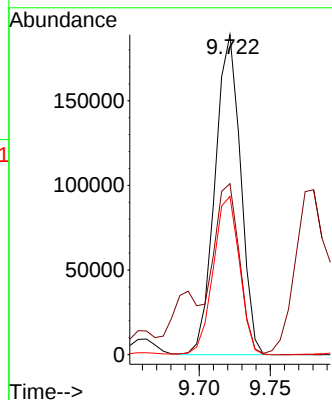
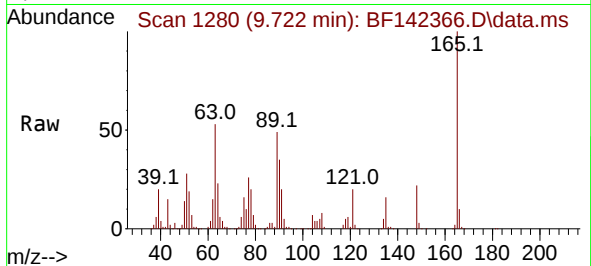




#51
2,6-Dinitrotoluene
Concen: 53.116 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

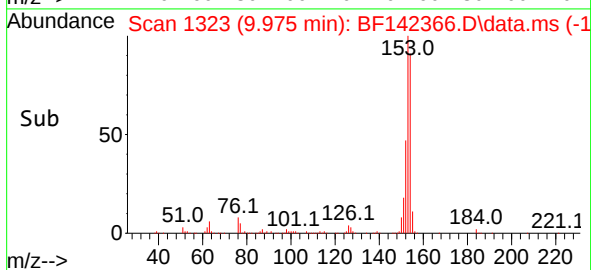
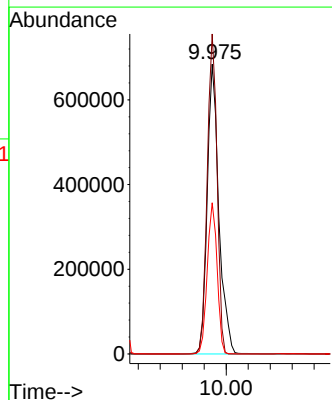
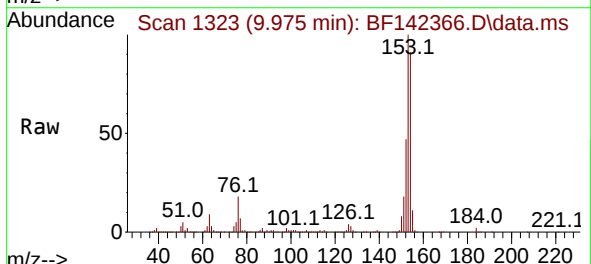
Instrument :
BNA_F
ClientSampleId :
TP-3MS

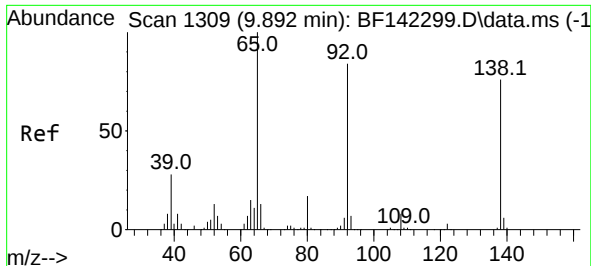
Tgt Ion:165 Resp: 236587
Ion Ratio Lower Upper
165 100
63 53.4 49.5 74.3
89 49.4 44.6 66.8



#52
Acenaphthene
Concen: 47.361 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:154 Resp: 1006646
Ion Ratio Lower Upper
154 100
153 110.4 88.0 132.0
152 52.2 41.6 62.4

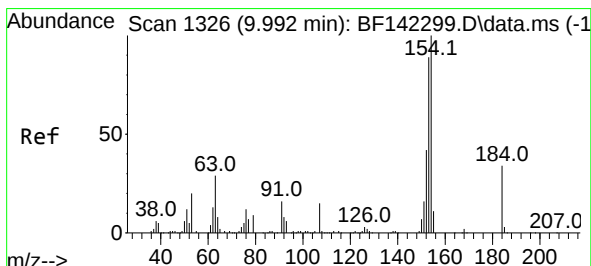
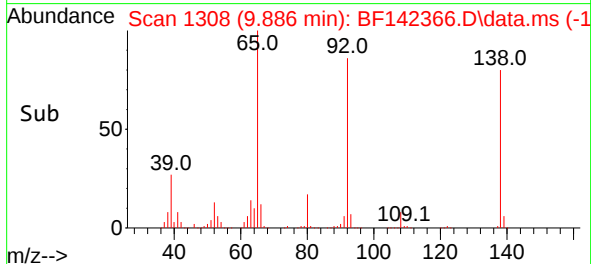
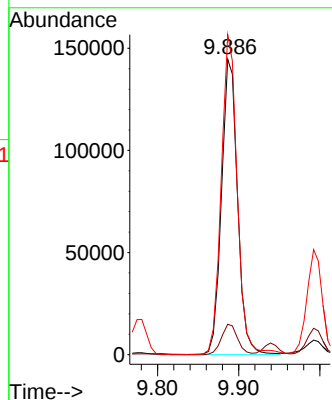
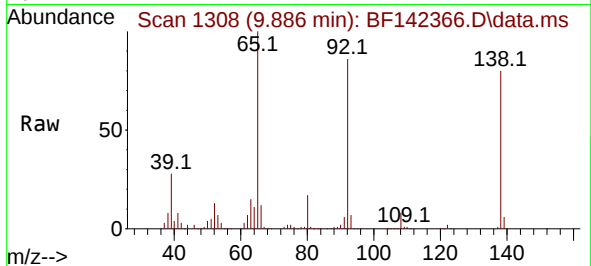




#53
3-Nitroaniline
Concen: 38.161 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

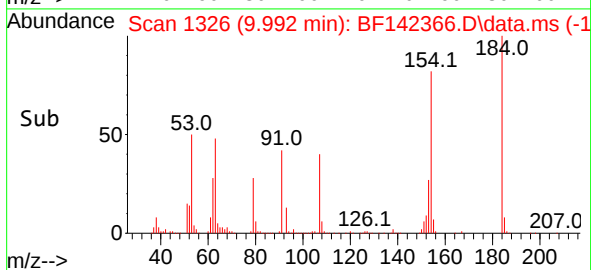
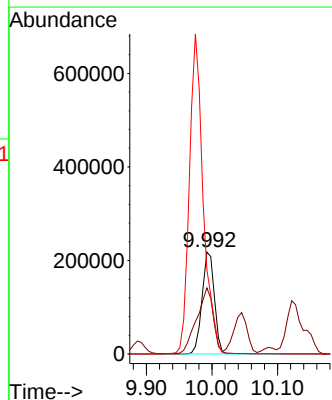
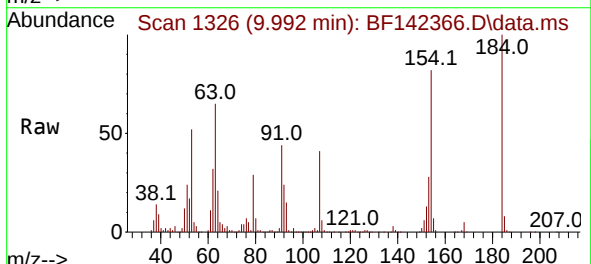
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:138 Resp: 199348
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 108.3 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 119.014 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:184 Resp: 286965
Ion Ratio Lower Upper
184 100
63 64.8 70.6 105.8#
154 82.4 257.2 385.8#

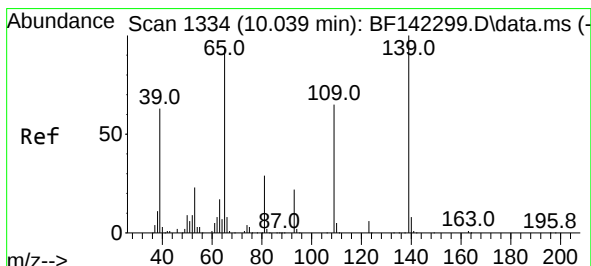
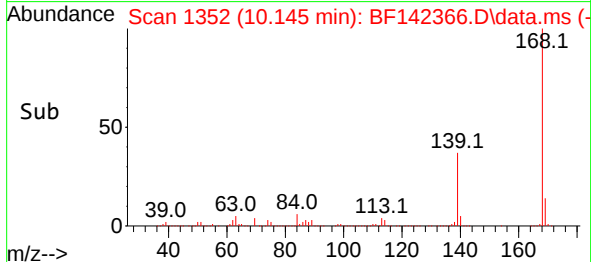
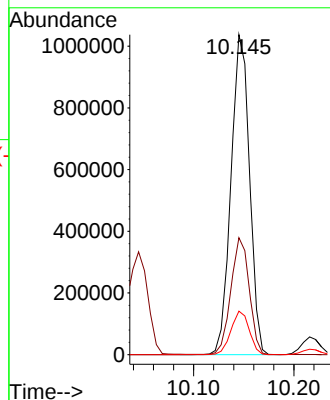
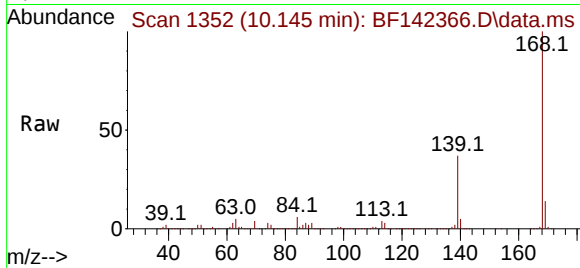




#55
Dibenzenofuran
Concen: 42.476 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

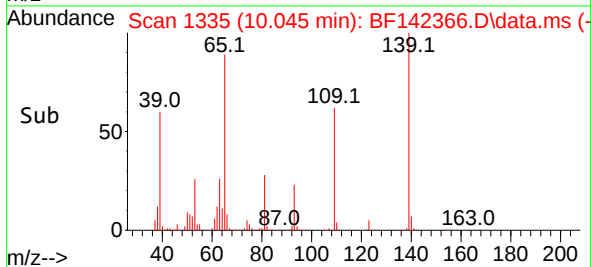
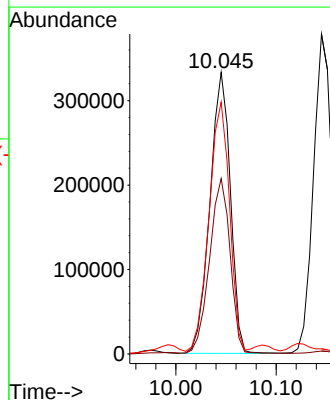
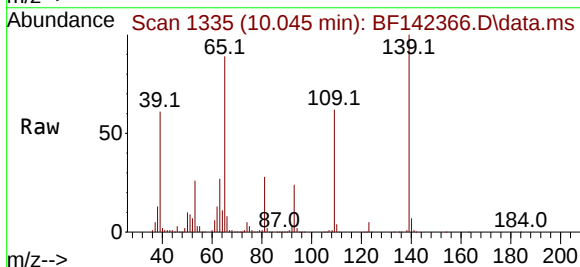
Instrument :
BNA_F
ClientSampleId :
TP-3MS

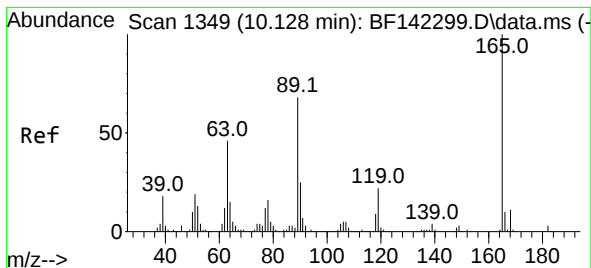
Tgt Ion:168 Resp: 1332401
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 120.085 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:139 Resp: 472127
Ion Ratio Lower Upper
139 100
109 62.3 45.3 85.3
65 89.4 73.9 113.9

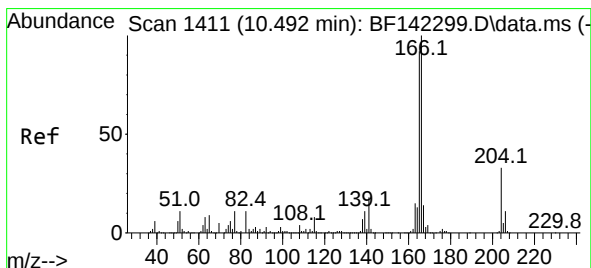
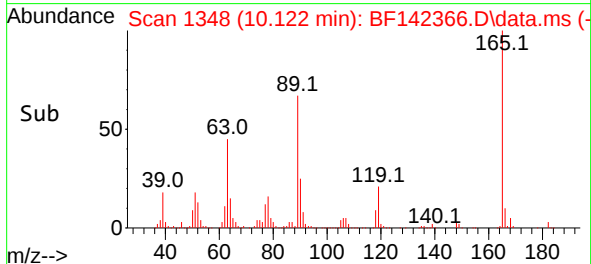
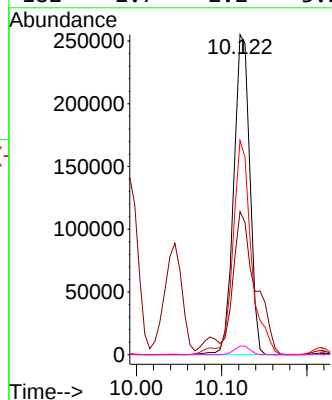
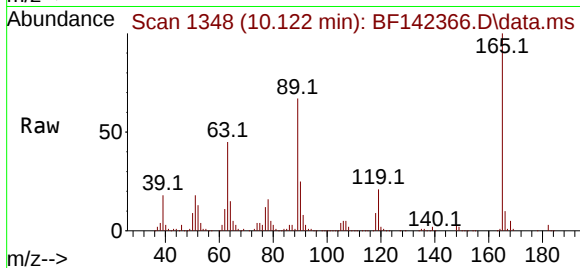




#57
2,4-Dinitrotoluene
Concen: 58.716 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

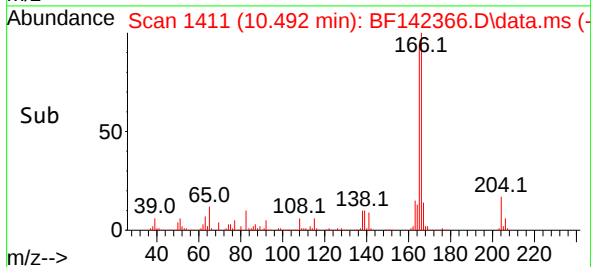
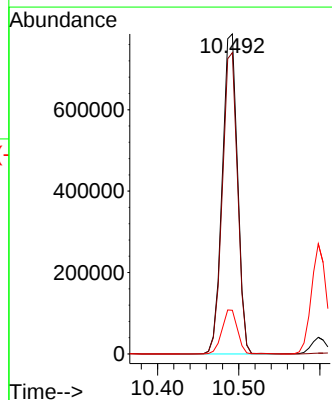
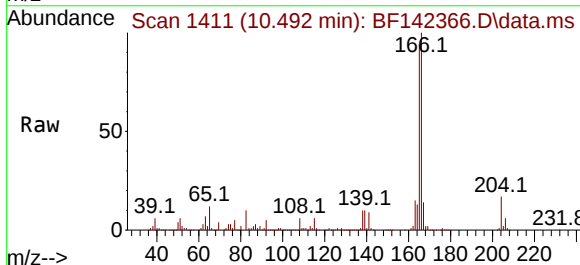
Instrument :
BNA_F
ClientSampleId :
TP-3MS

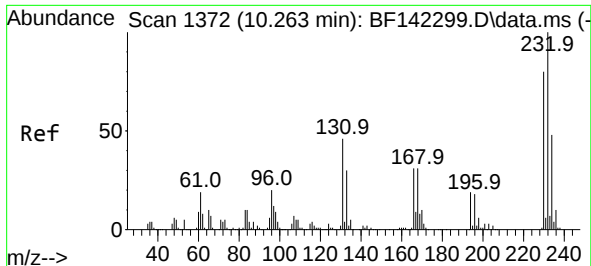
Tgt Ion:165 Resp: 335471
Ion Ratio Lower Upper
165 100
63 44.7 37.1 55.7
89 66.9 54.4 81.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 43.079 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:166 Resp: 1031269
Ion Ratio Lower Upper
166 100
165 94.2 74.0 111.0
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.430 ng

RT: 10.263 min Scan# 1372

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:232 Resp: 294911

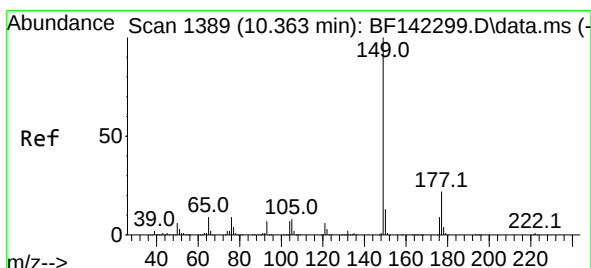
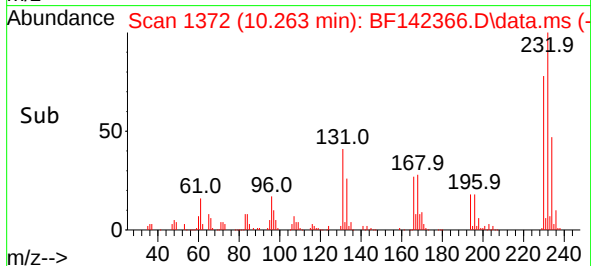
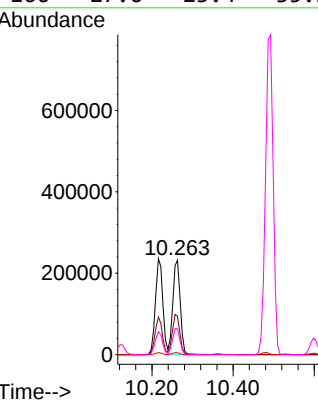
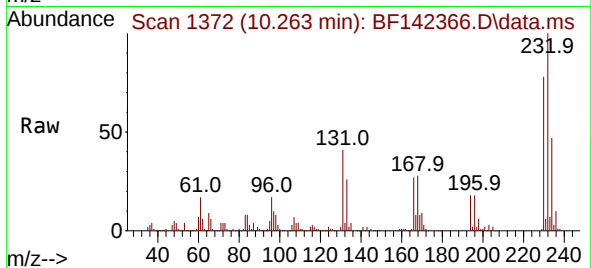
Ion Ratio Lower Upper

232 100

131 42.5 36.0 54.0

130 2.1 1.8 2.6

166 27.6 23.4 35.2



#60

Diethylphthalate

Concen: 46.787 ng

RT: 10.363 min Scan# 1389

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

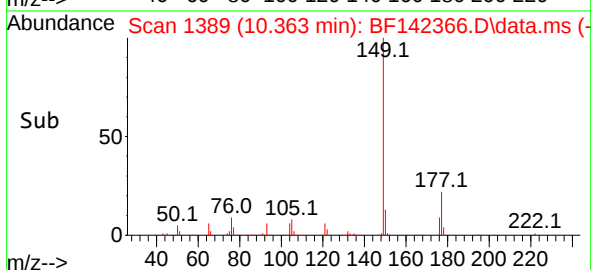
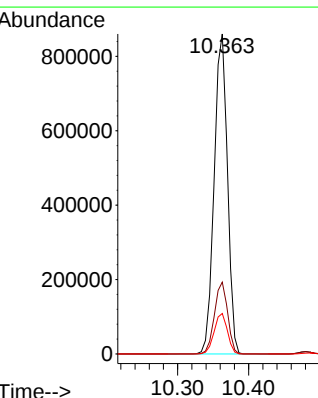
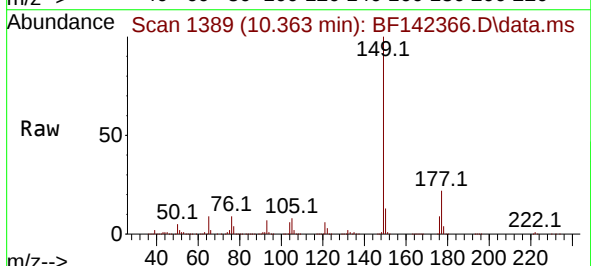
Tgt Ion:149 Resp: 1111846

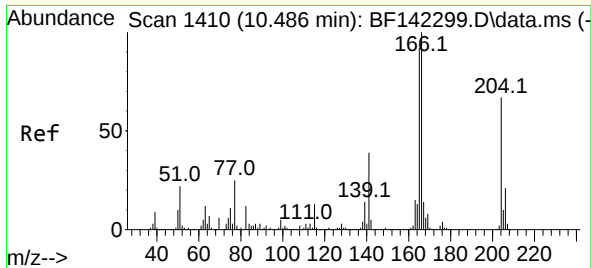
Ion Ratio Lower Upper

149 100

177 22.5 17.6 26.4

150 12.7 10.1 15.1

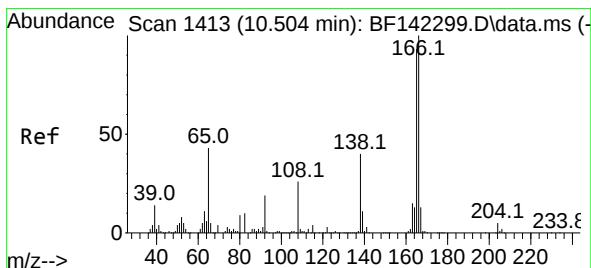
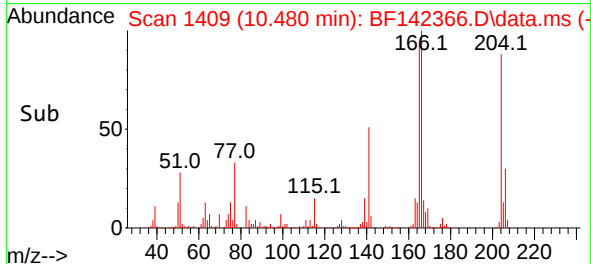
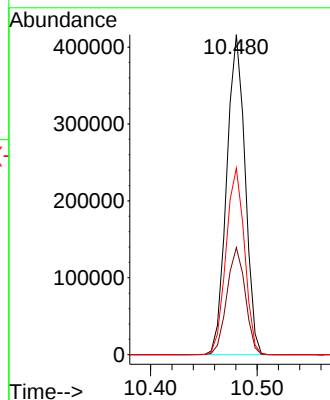
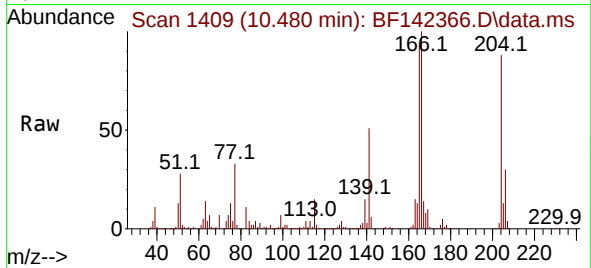




#61
4-Chlorophenyl-phenylether
Concen: 43.246 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

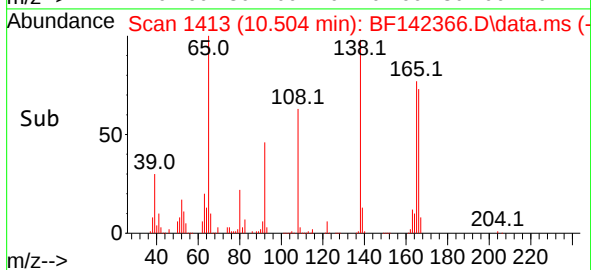
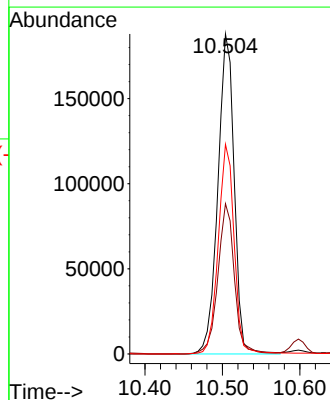
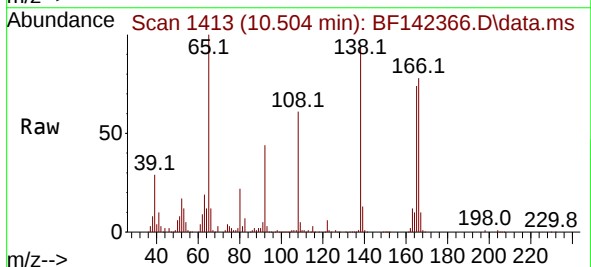
Instrument :
BNA_F
ClientSampleId :
TP-3MS

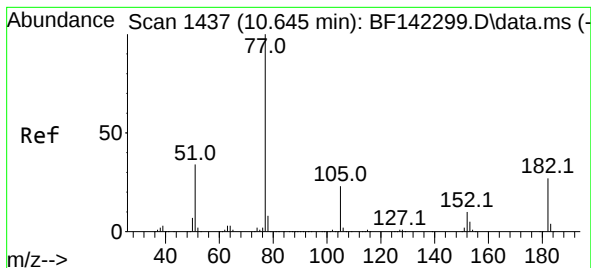
Tgt Ion:204 Resp: 499460
Ion Ratio Lower Upper
204 100
206 33.4 25.5 38.3
141 58.3 46.4 69.6



#62
4-Nitroaniline
Concen: 66.491 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:138 Resp: 275293
Ion Ratio Lower Upper
138 100
92 47.0 27.3 67.3
108 65.5 45.1 85.1





#63

Azobenzene

Concen: 47.008 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion: 77 Resp: 1067468

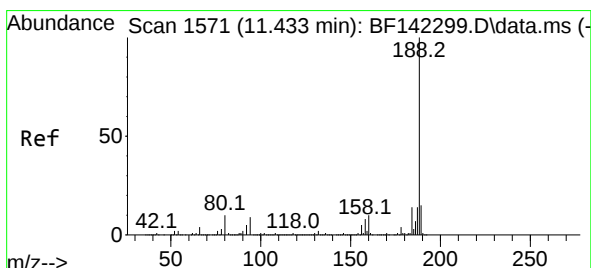
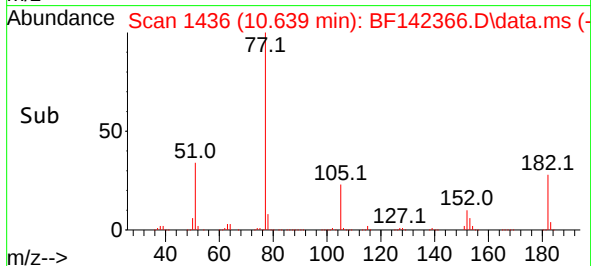
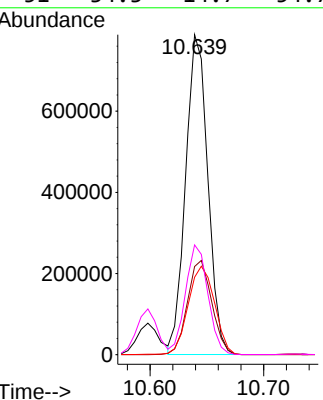
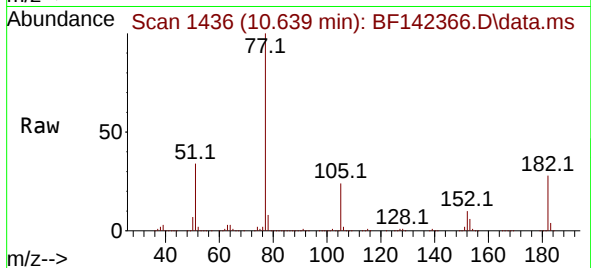
Ion Ratio Lower Upper

77 100

182 27.6 6.9 46.9

105 24.2 2.7 42.7

51 34.3 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

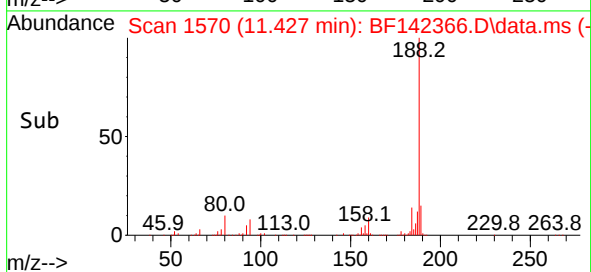
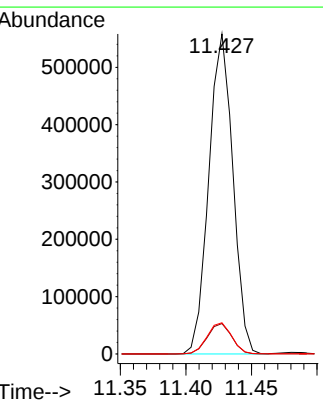
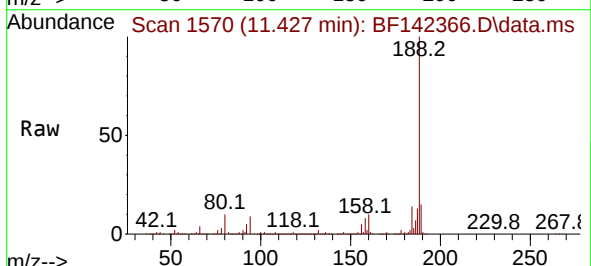
Tgt Ion:188 Resp: 711855

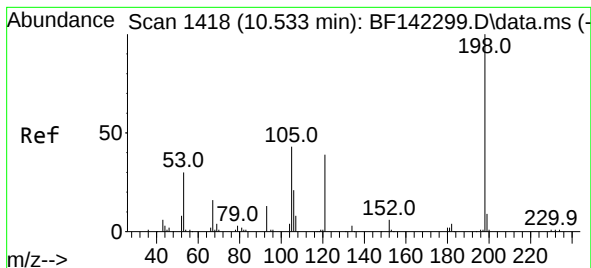
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.8 7.9 11.9

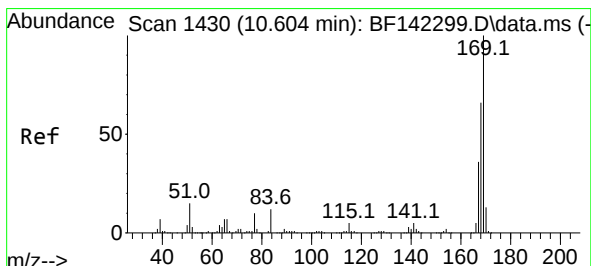
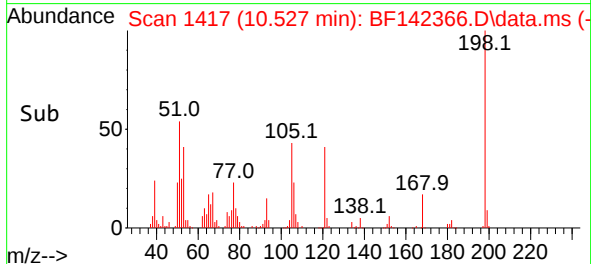
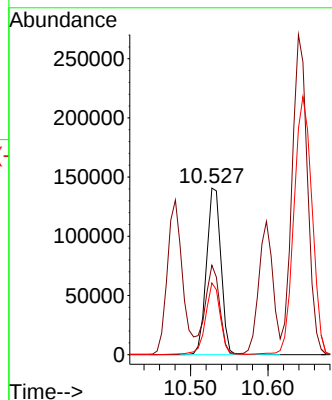
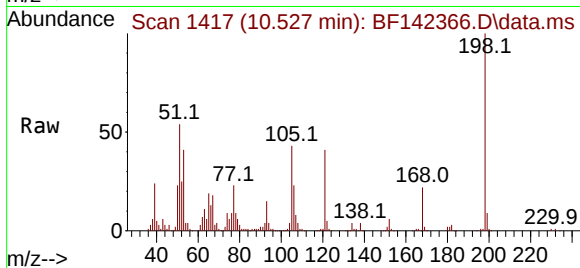




#65
4,6-Dinitro-2-methylphenol
Concen: 53.887 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

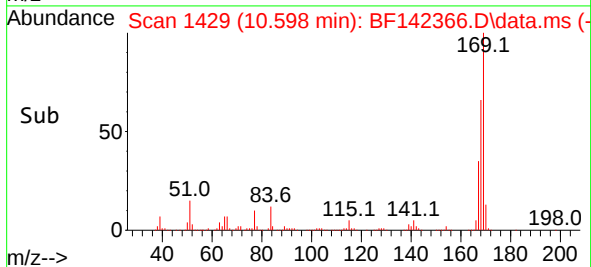
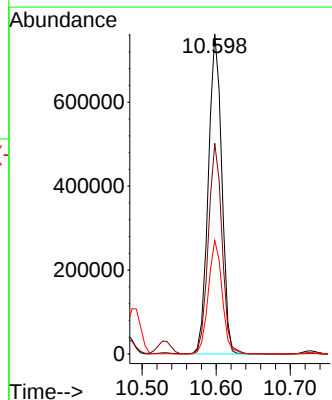
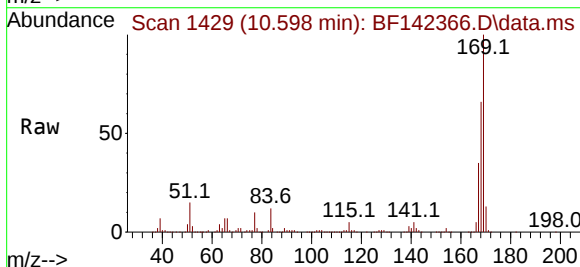
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:198 Resp: 182251
Ion Ratio Lower Upper
198 100
51 53.8 32.9 72.9
105 43.0 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 40.411 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:169 Resp: 957255
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 35.5 28.9 43.3

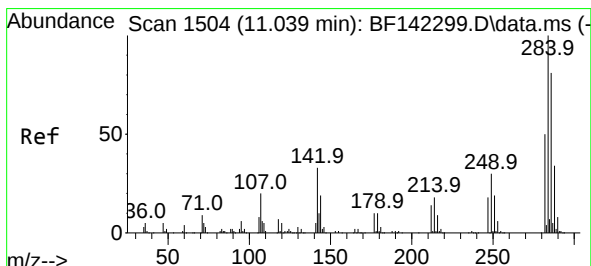
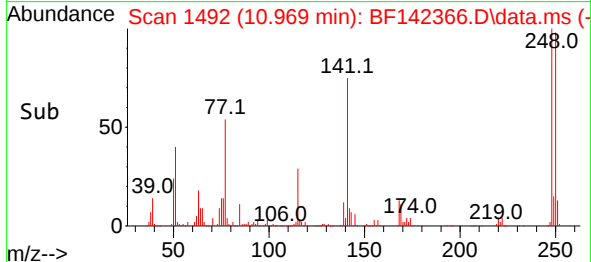
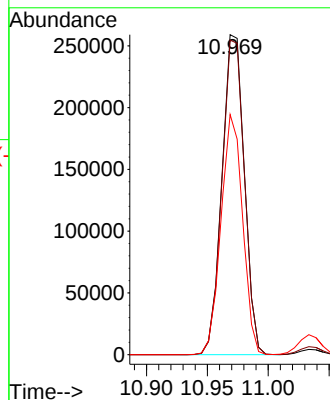
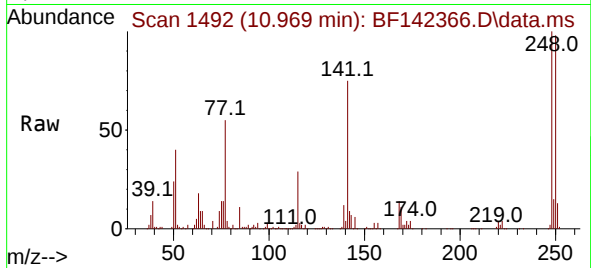




#67
4-Bromophenyl-phenylether
Concen: 41.185 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

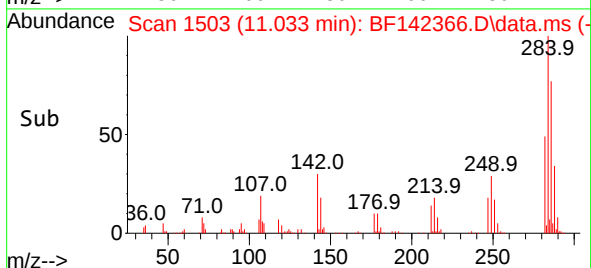
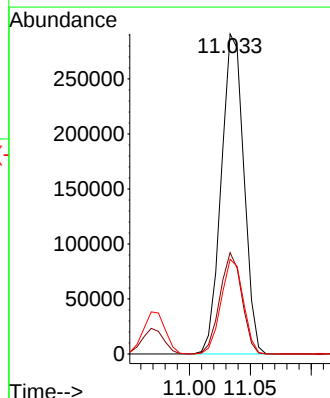
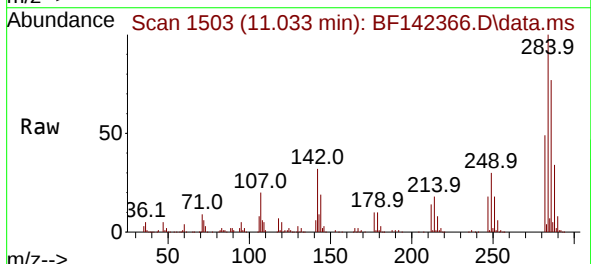
Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:248 Resp: 332268
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 75.1 59.8 89.8



#68
Hexachlorobenzene
Concen: 42.302 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:284 Resp: 375399
Ion Ratio Lower Upper
284 100
142 31.7 26.6 39.8
249 29.5 24.1 36.1





#69

Atrazine

Concen: 50.479 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

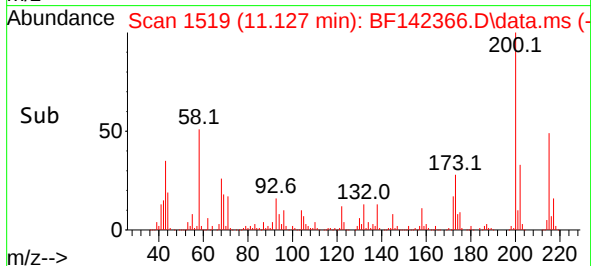
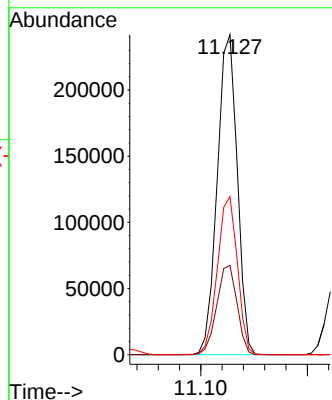
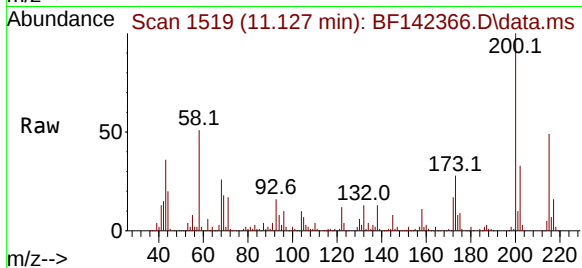
Tgt Ion:200 Resp: 315199

Ion Ratio Lower Upper

200 100

173 27.8 8.1 48.1

215 49.4 28.8 68.8



#70

Pentachlorophenol

Concen: 102.224 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

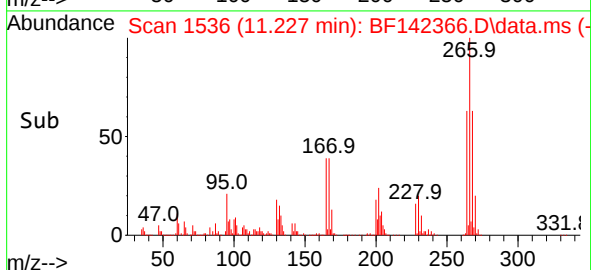
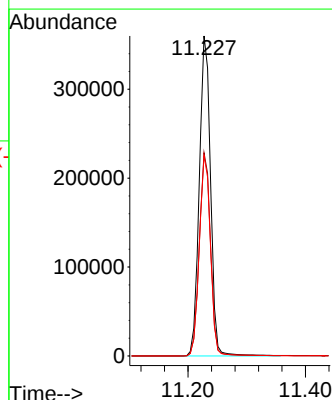
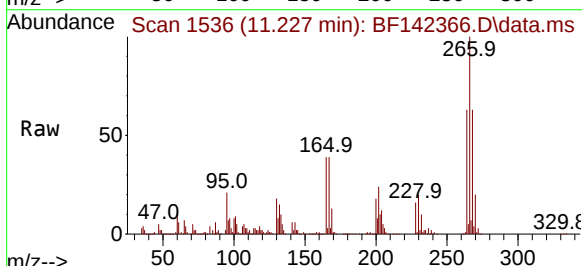
Tgt Ion:266 Resp: 477233

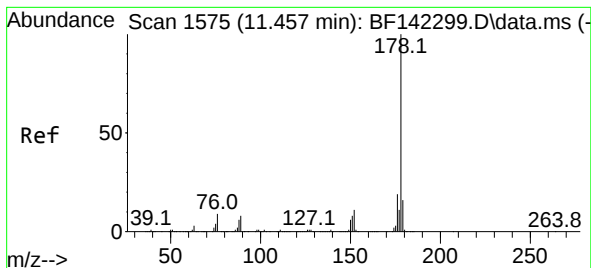
Ion Ratio Lower Upper

266 100

268 63.5 48.7 73.1

264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 41.756 ng

RT: 11.451 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

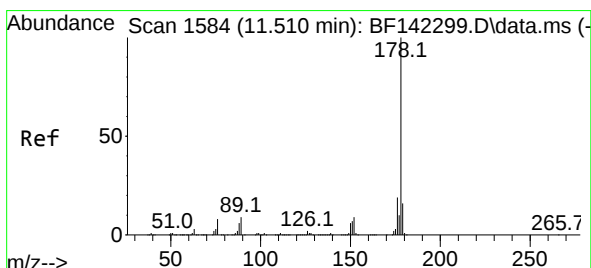
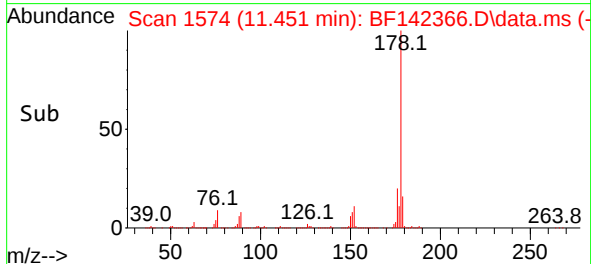
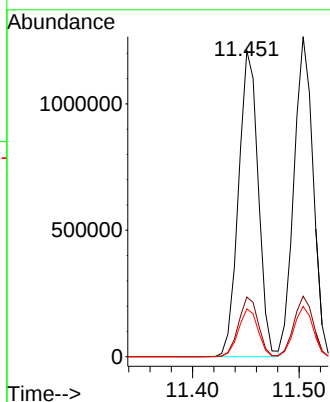
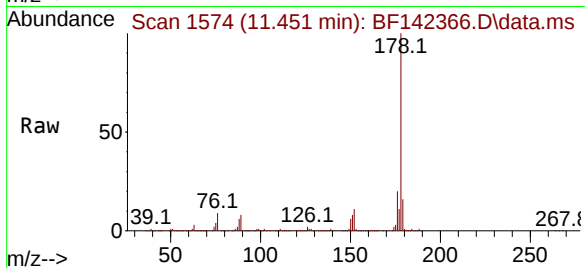
Tgt Ion:178 Resp: 1558066

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.6 12.6 18.8



#72

Anthracene

Concen: 41.241 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

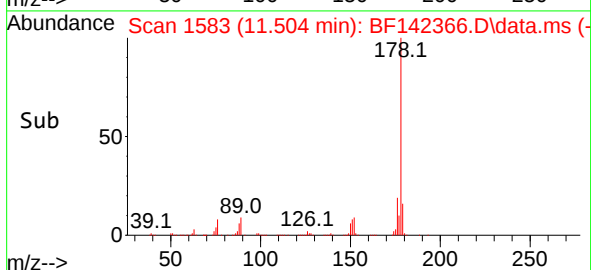
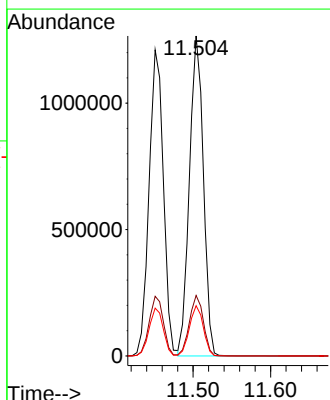
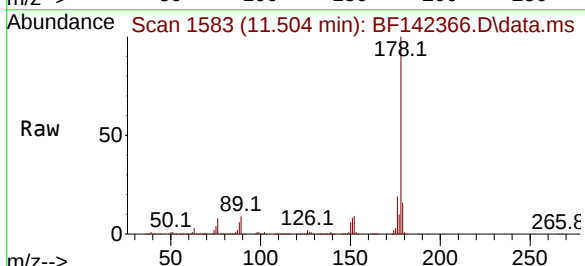
Tgt Ion:178 Resp: 1581175

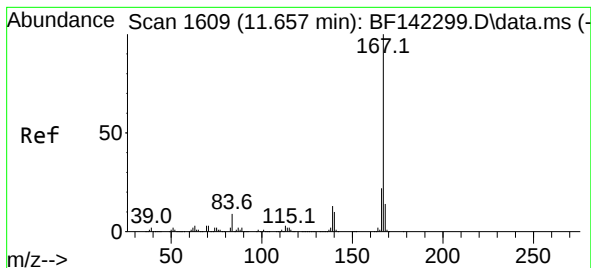
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.7 12.6 18.8





#73

Carbazole

Concen: 44.329 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

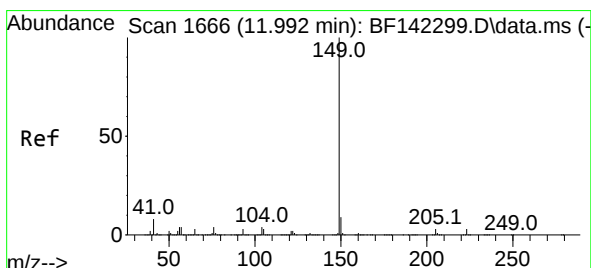
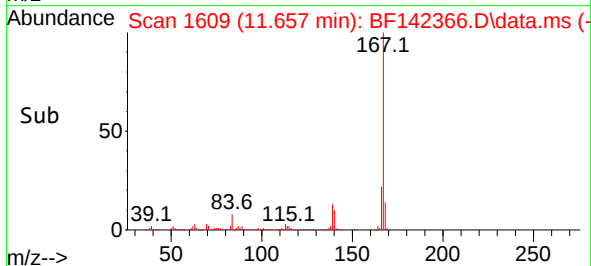
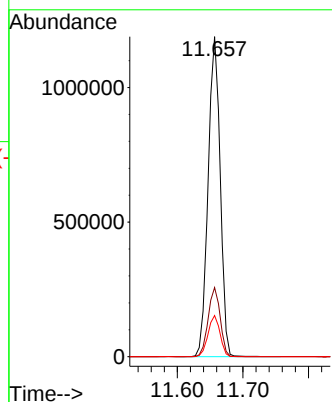
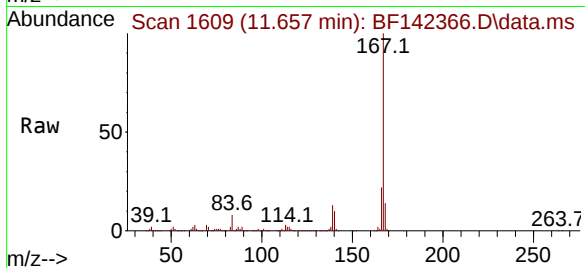
Tgt Ion:167 Resp: 1524800

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 51.885 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

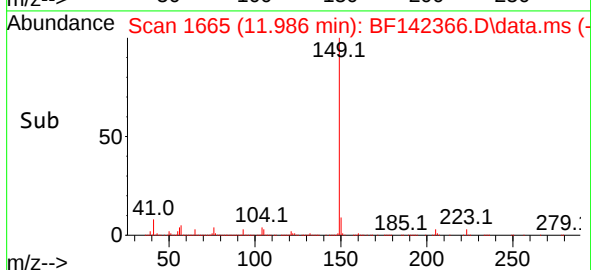
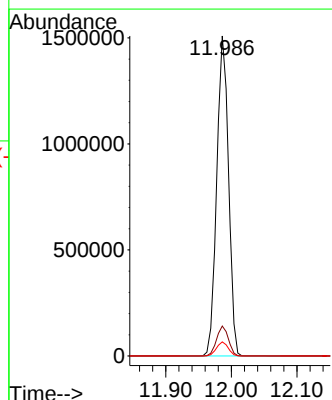
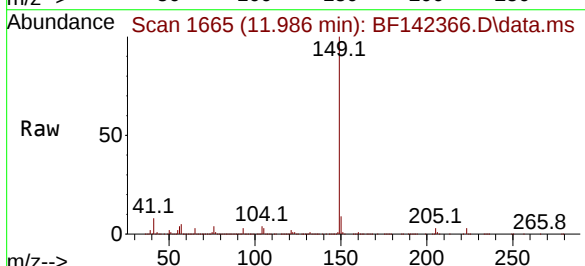
Tgt Ion:149 Resp: 1876651

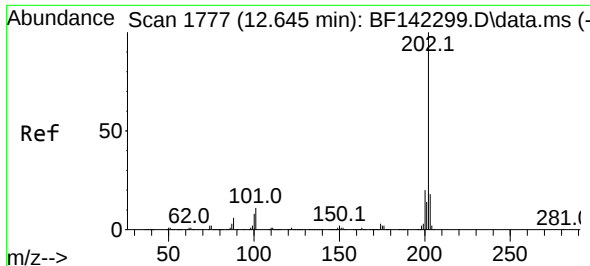
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.4 3.6 5.4

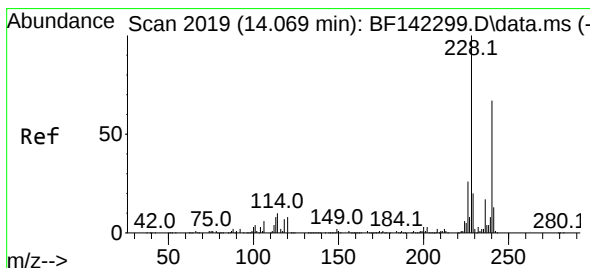
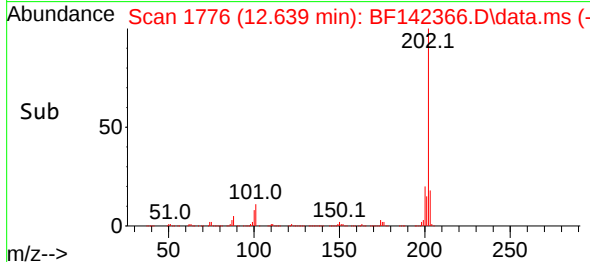
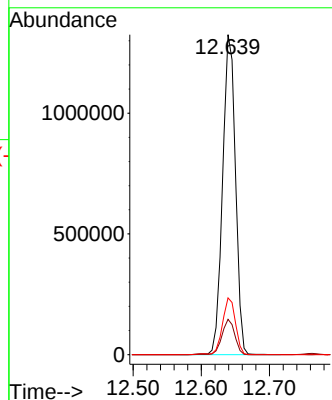
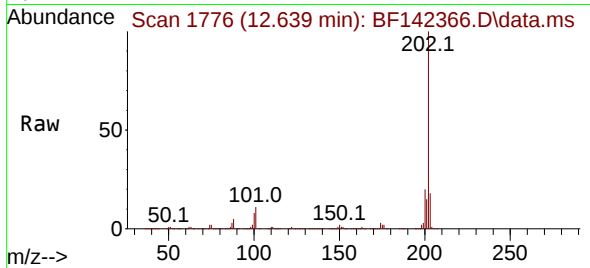




#75
Fluoranthene
Concen: 46.650 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

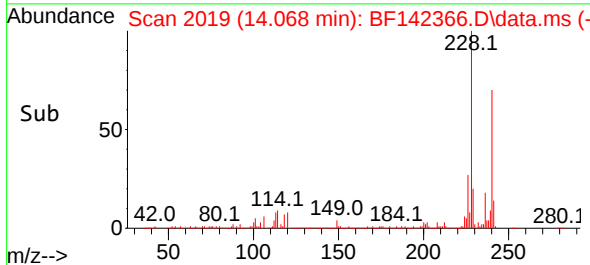
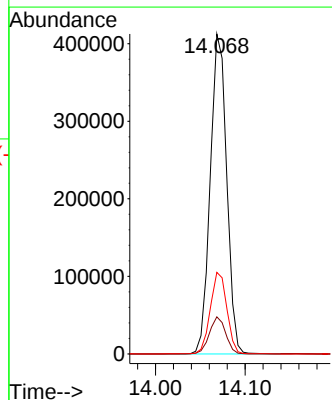
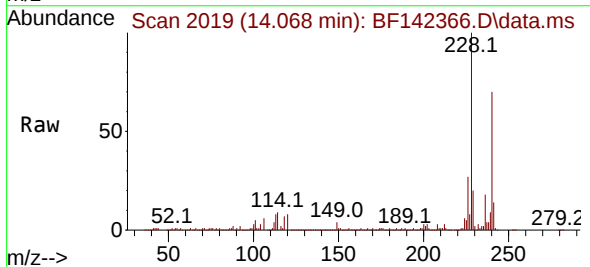
Instrument :
BNA_F
ClientSampleId :
TP-3MS

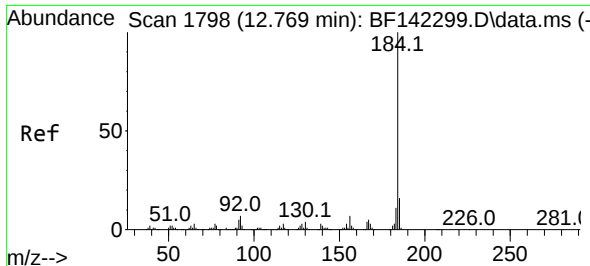
Tgt Ion:202 Resp: 1740035
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:240 Resp: 525246
Ion Ratio Lower Upper
240 100
120 11.6 9.7 14.5
236 25.5 20.0 30.0

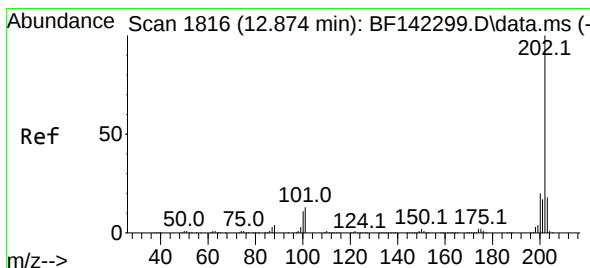
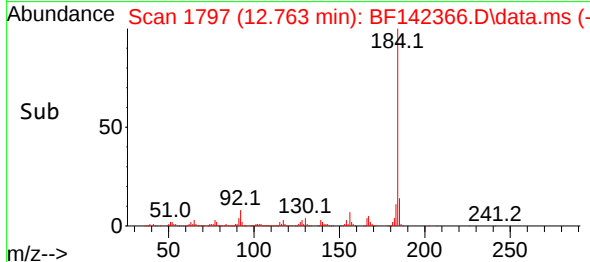
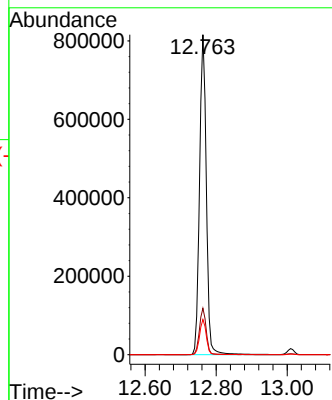
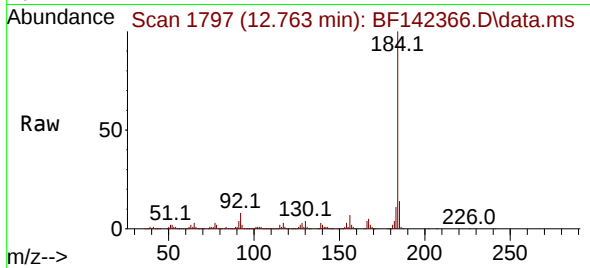




#77
Benzidine
Concen: 113.594 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

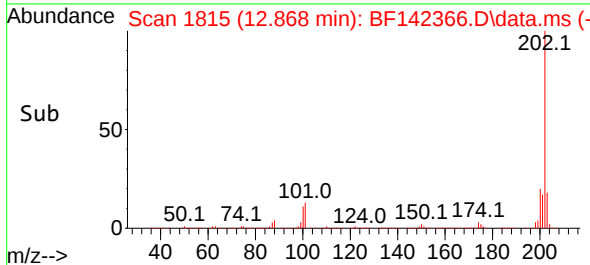
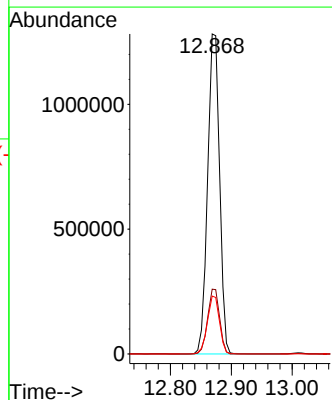
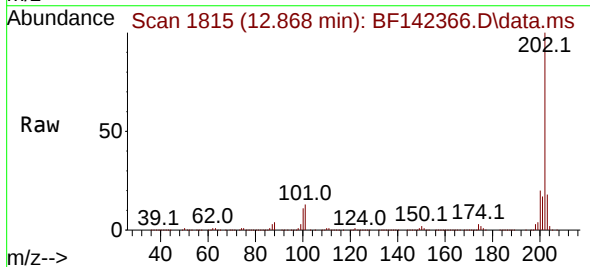
Instrument :
BNA_F
ClientSampleId :
TP-3MS

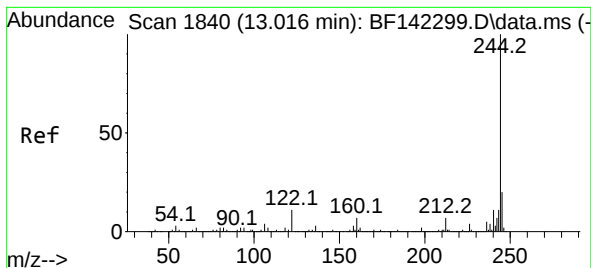
Tgt Ion:184 Resp: 1084279
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.0 8.6 12.8



#78
Pyrene
Concen: 37.450 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:202 Resp: 1750839
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 44.350 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

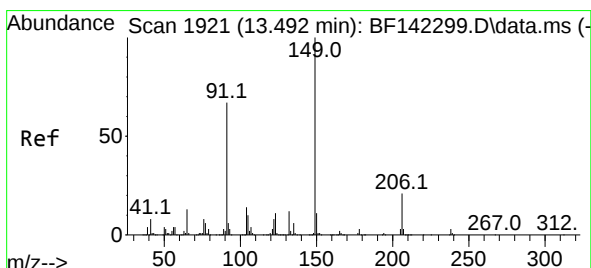
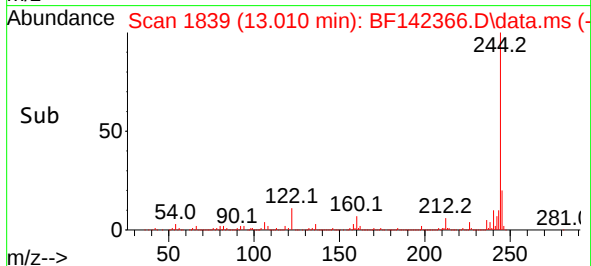
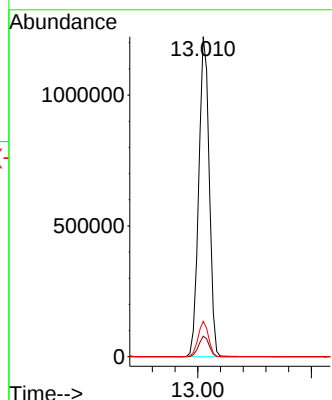
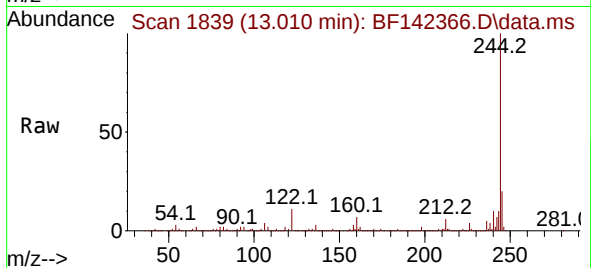
Tgt Ion:244 Resp: 1573866

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 11.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 55.331 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

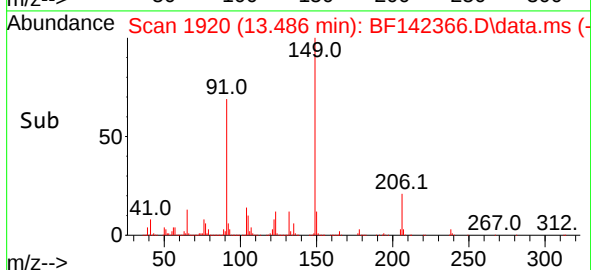
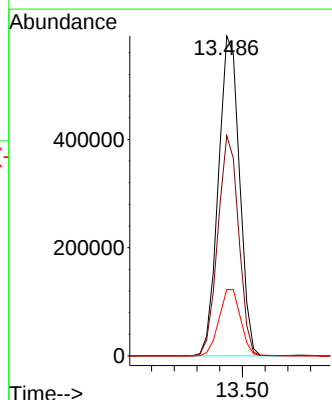
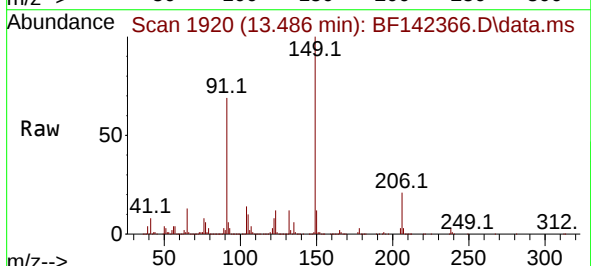
Tgt Ion:149 Resp: 763189

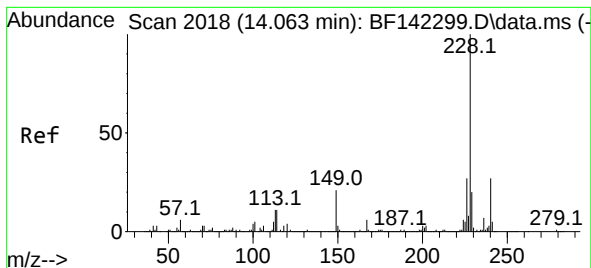
Ion Ratio Lower Upper

149 100

91 68.9 53.8 80.6

206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 43.576 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

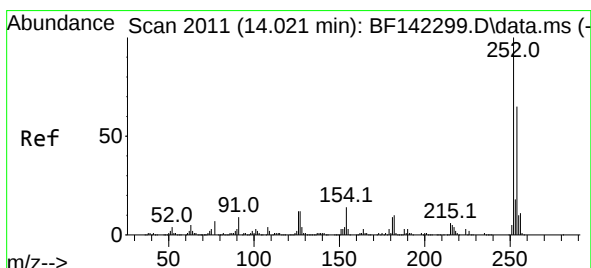
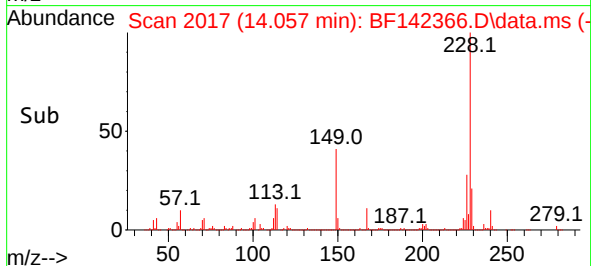
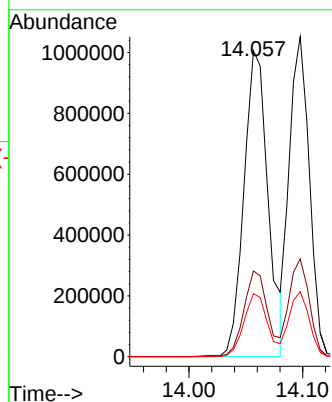
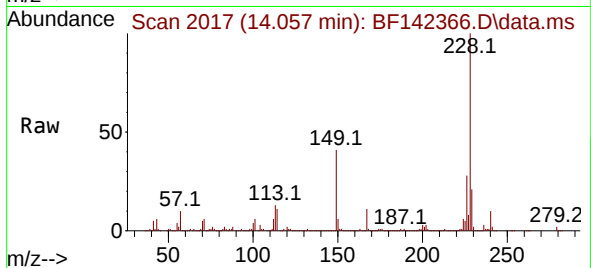
Tgt Ion:228 Resp: 1482251

Ion Ratio Lower Upper

228 100

226 28.0 21.5 32.3

229 20.6 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 37.281 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

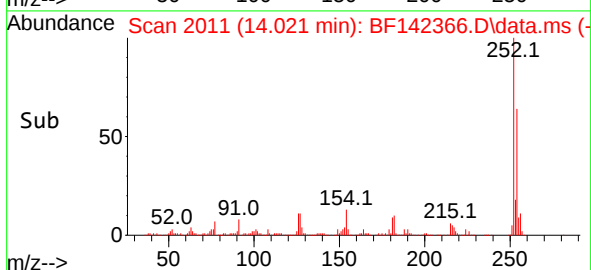
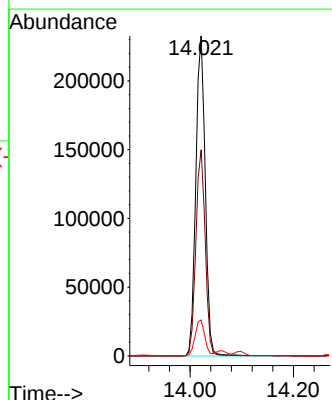
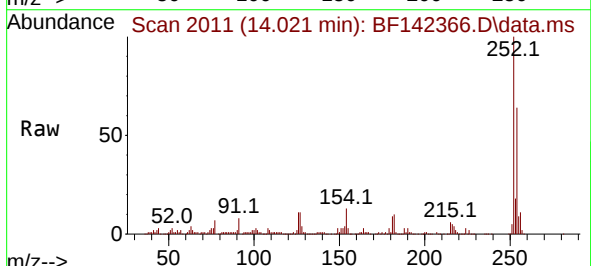
Tgt Ion:252 Resp: 294906

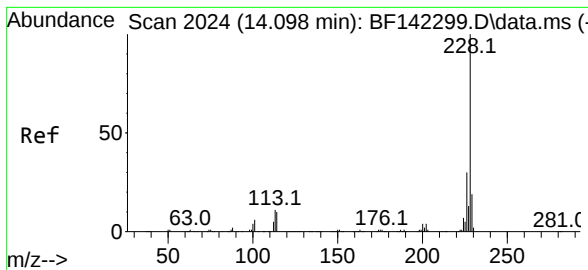
Ion Ratio Lower Upper

252 100

254 64.5 52.0 78.0

126 11.3 9.7 14.5





#83

Chrysene

Concen: 40.927 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

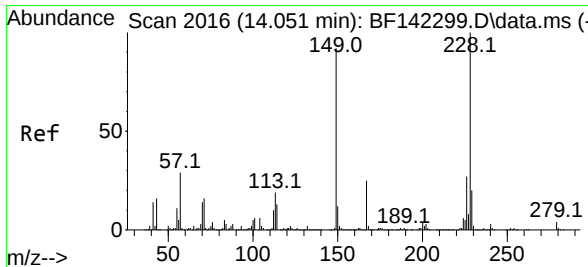
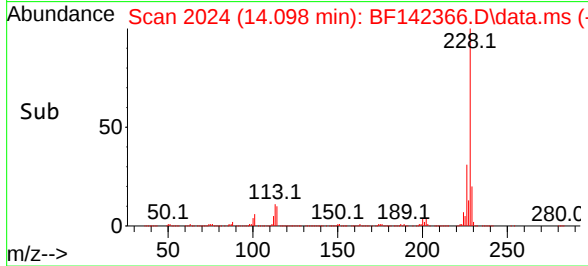
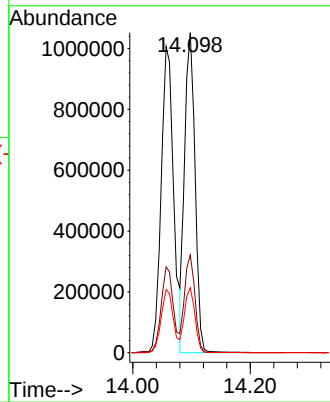
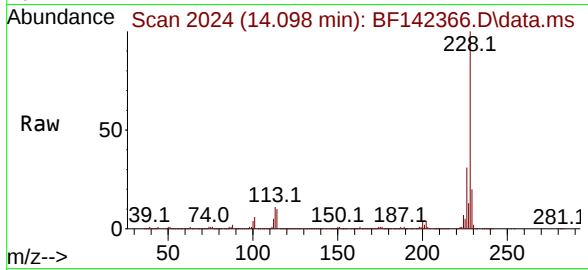
Tgt Ion:228 Resp: 1295990

Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

229 20.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.772 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

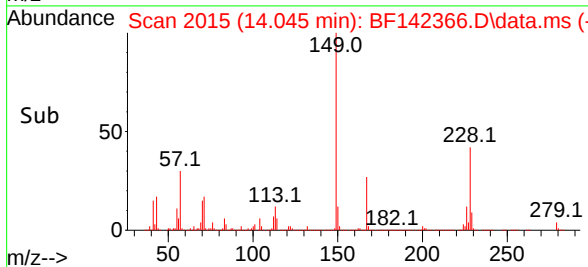
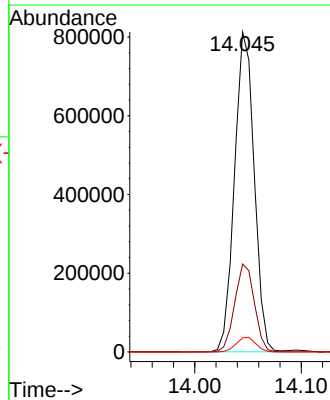
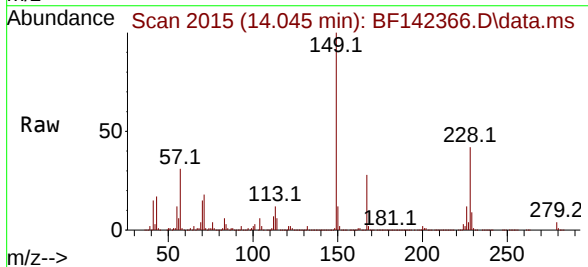
Tgt Ion:149 Resp: 1043286

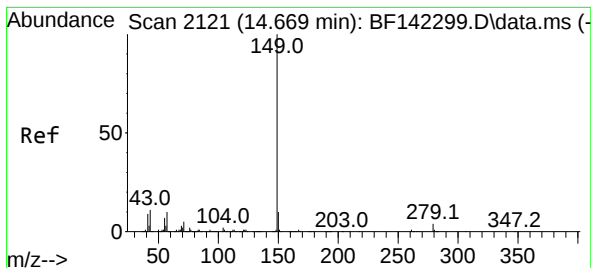
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 51.966 ng

RT: 14.662 min Scan# 2121

Delta R.T. -0.007 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

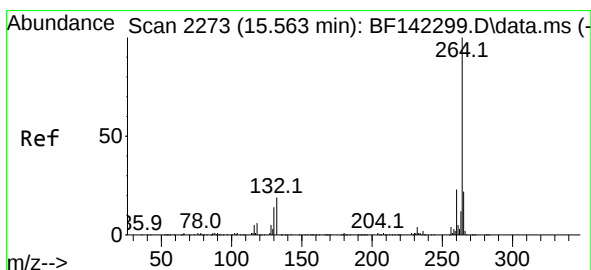
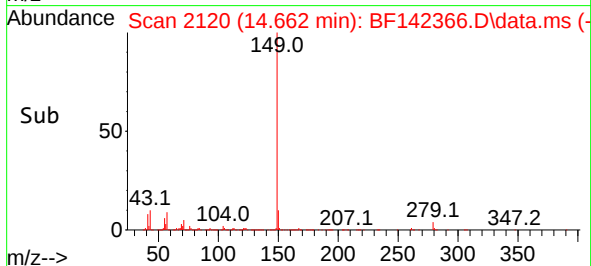
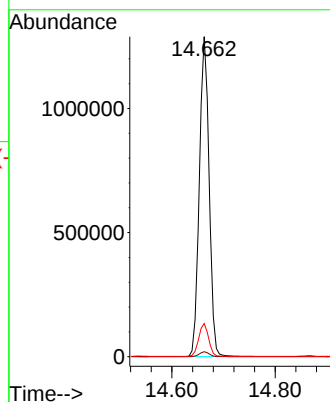
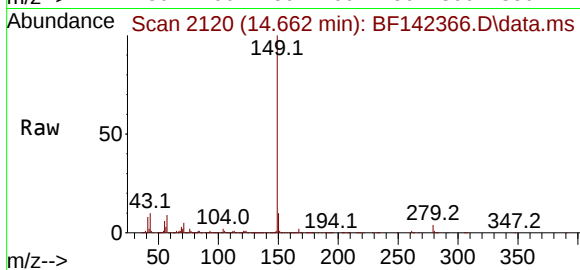
Tgt Ion:149 Resp: 1689536

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

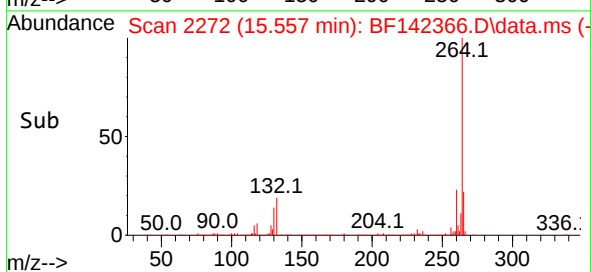
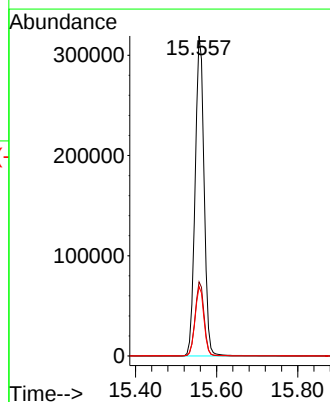
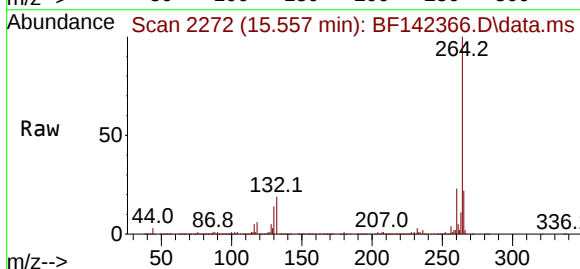
Tgt Ion:264 Resp: 490879

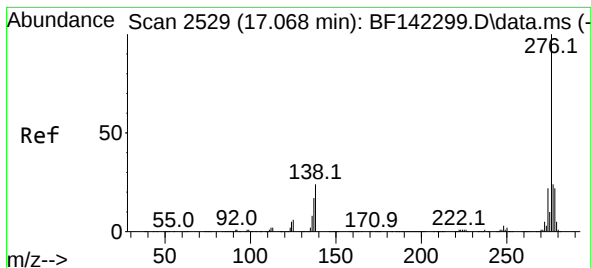
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.645 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

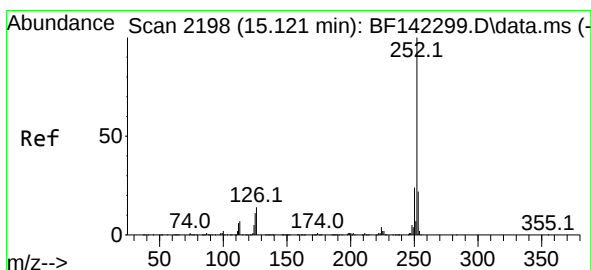
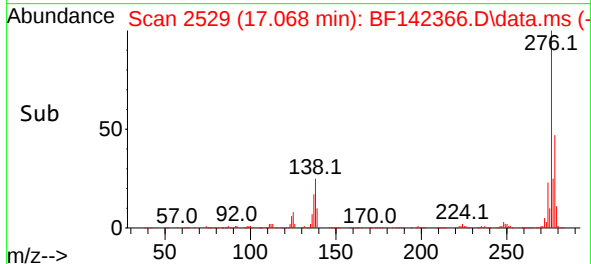
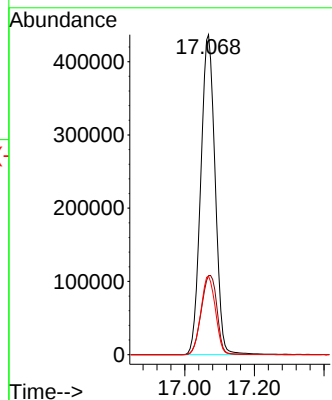
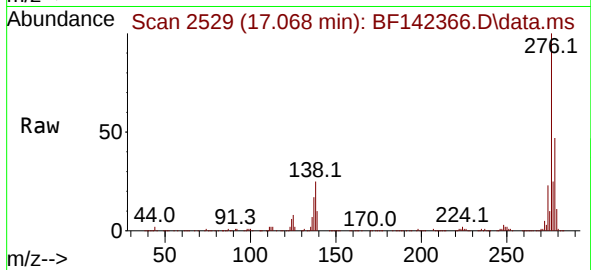
Tgt Ion:276 Resp: 1251333

Ion Ratio Lower Upper

276 100

138 27.2 22.0 33.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.956 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

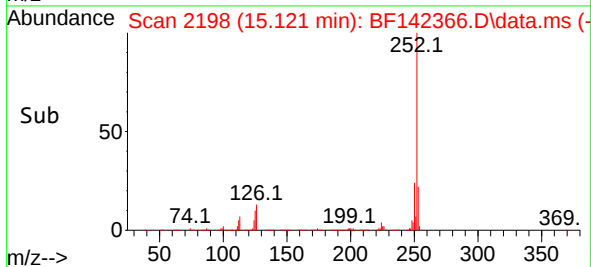
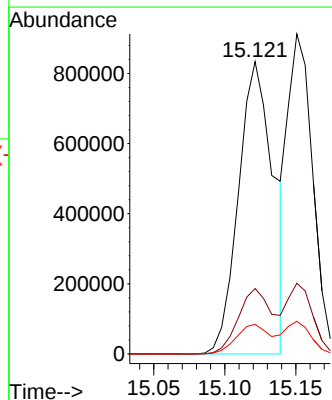
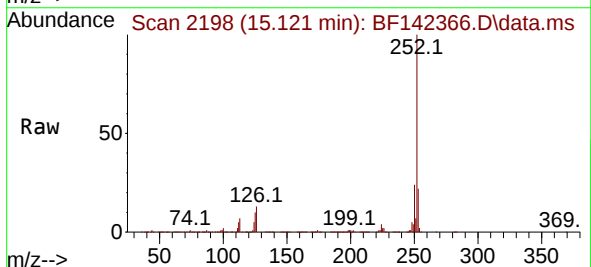
Tgt Ion:252 Resp: 1425761

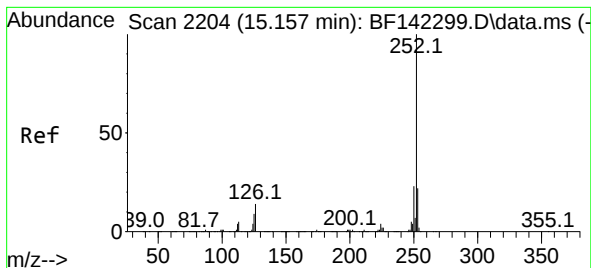
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.1 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 41.448 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA_F

ClientSampleId :

TP-3MS

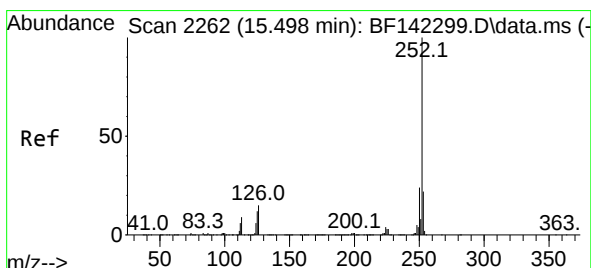
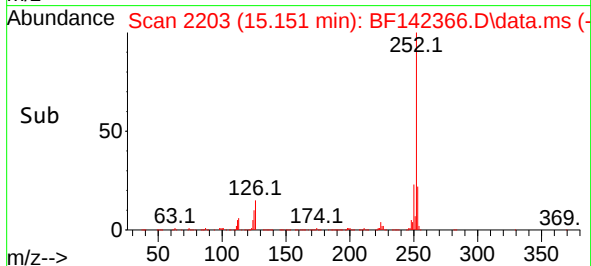
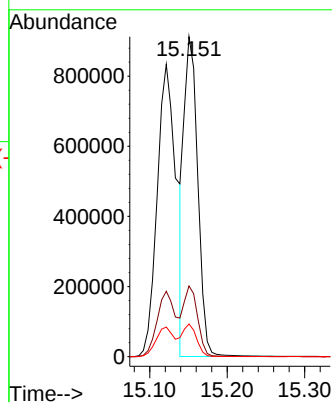
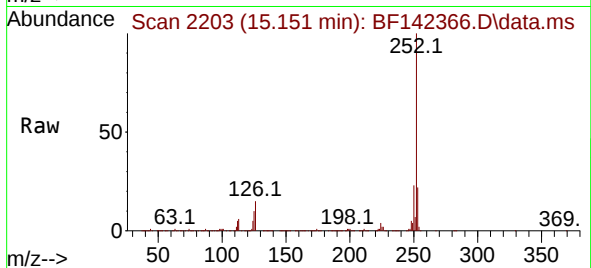
Tgt Ion:252 Resp: 1127681

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 45.278 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

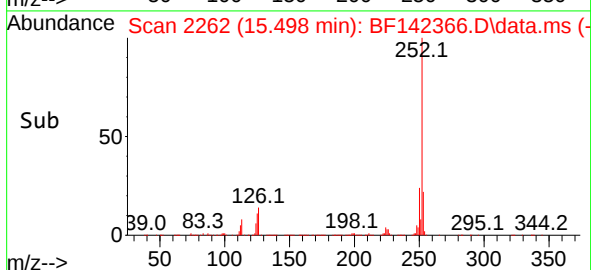
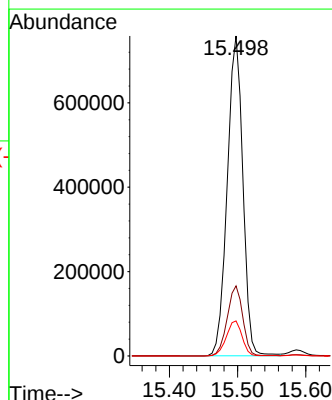
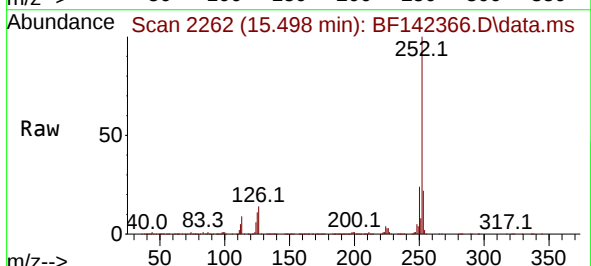
Tgt Ion:252 Resp: 1206289

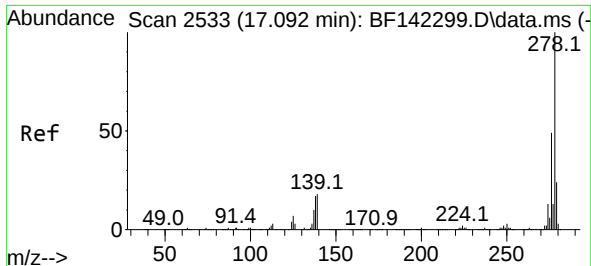
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.9 9.4 14.0

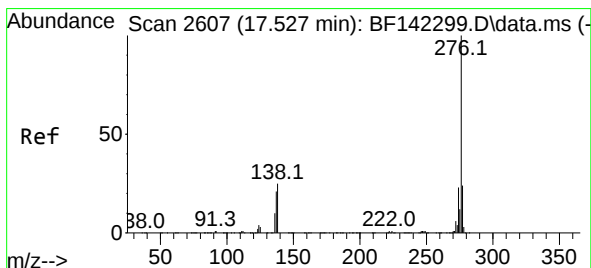
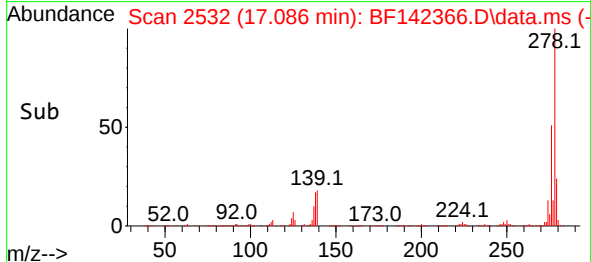
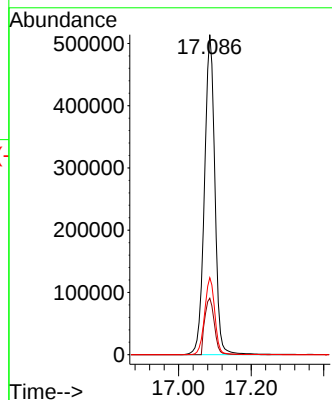
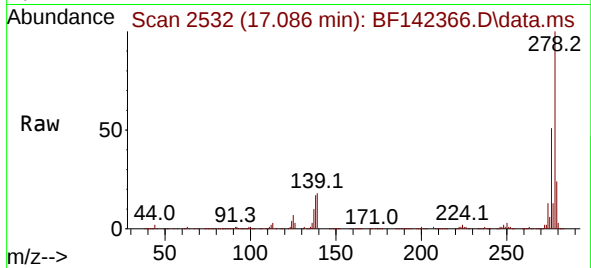




#91
Dibenzo(a,h)anthracene
Concen: 36.328 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:278 Resp: 1024841
Ion Ratio Lower Upper
278 100
139 17.7 14.5 21.7
279 24.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 34.043 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142366.D
Acq: 14 May 2025 15:20

Tgt Ion:276 Resp: 953165
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 23.3 19.8 29.6

